

T H E
MODERN MEASURER,
 PARTICULARLY ADAPTED TO
TIMBER AND BUILDING,
 ACCORDING TO THE
PRESENT STANDARD
 OF THE
KINGDOM OF IRELAND,
 CONTAINING,

- | | |
|---|--|
| <p>I. A Copious Set of Tables of Solid and superficial Measure; shewing at Sight, the Contents, practically needful in this Kingdom.</p> <p>II. The Value per Superficial Foot from 6 Inches to Inch and half thick, at various Rates, from £5. down to £1. 15s. per Tun Solid.</p> <p>III. Prices of Scantlings, from two to eight and a half Inches.</p> <p>IV. Allowances, &c. for the various Defects in Timber.</p> <p>V. Practical Measuring of Timber, Plank and Board.</p> <p>VI. The present Customs and Prices of the several Artificers Work, relating to Building, when finished in a superb and workmanlike manner, of the best Materials, and in the Modern Taste; together with Paper-hanging, Paving and Sinking Foundations.</p> | <p>VII. Proportions of Scantling in large and small Buildings, with allowances for different Wainscoting.</p> <p>VIII. Naval Measuring in Great Britain and Ireland.</p> <p>IX. A Method of finding the Content of a Cask.</p> <p>X. A Table of Mens Work at Various Rates per Week of six Days, down to half a Day proportionally.</p> <p>XI. A Table shewing at sight, the exact Price per Foot Solid, of square Timber, at 40; or round Timber at 50 Feet to the Tun, from £8. down to £1. 10s. per Tun.</p> <p>XII. Prices of Sawyers Work.</p> <p>XIII. The Value of broken Quantities under 100, from 8s. down to 2s. 6d. per C.</p> |
|---|--|

The WHOLE laid down in a SATISFACTORY MANNER.

By P. LEVI HODGSON, MEASURER,
 And Sold by him, No. 5, MARK STREET.

The NINTH EDITION, with ALTERATIONS and ADDITIONS.

D U B L I N.

PRINTED BY JOHN PARKER, FOR THE AUTHOR.

1793.

PRICE IN BLUE, FIVE BRITISH SHILLINGS.



BARREY. H. X. GILMAN,

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The Fluctuations and Inovations which have happened within the course of these Six or Seven years, together with the Large demand for this Book of MEASURING, has occasioned a new Publication.

Wherein has been made, the necessary alterations and Additions, since the last Production.

I have also Included the Prices of all kinds of Marble; —Patent Sleating, and foundry work, (never before Introduced.)

The utmost Endeavours has been used, to render this Publication as useful as possible to the Public.

The real Intent and Meaning hereof is, that, every Gentleman concerned in Building, may have the Value of his money, and that every Workman may have the worth of his Labour.

P. LEVI HODGSON.

MARK-STREET; No. 5,
DUBLIN, 1st. JULY, 1793.

*masterly
master
masterly*

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AN
ALPHABETICAL LIST
OF THE
NOBILITY, &c. &c. &c.

Who were pleased to give Sanction to HODGSON'S
former Productions, by being Purchasers thereof.



17
11
39

Stable

31 40

4 Horses

8 ft x 12 ft

112-6

Stable

24 ft
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Stable



Stable

Stable

25 ft
Kitchen

11 ft

8

ALPHABETICAL LIST.

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VALUE

V A L U E.

Per superficial Foot, from 6 Inches to Inch and $\frac{1}{2}$ thick,
governed by the Prices per Solid Tun of 40 Feet,
from 5*l.* down to 1*l.* 15*s.*

Price per Tun.	6 Inch.	5 Inch.	4 Inch.	3 $\frac{1}{2}$ Inch.	3 Inch.	2 $\frac{1}{2}$ Inch.	2 Inch.	1 $\frac{1}{2}$ Inch.
l. s.	d.	d.	d.	d.	d.	d.	d.	d.
5 0	15	12 $\frac{1}{2}$	10	8 $\frac{1}{2}$	7 $\frac{1}{2}$	6 $\frac{1}{2}$	5	3 $\frac{1}{2}$
4 15	14 $\frac{1}{2}$	11 $\frac{1}{2}$ hf	9 $\frac{1}{2}$	8 $\frac{1}{4}$	7 hf	5 $\frac{1}{2}$ hf	4 $\frac{1}{2}$	3 $\frac{1}{2}$
4 10	13 $\frac{1}{2}$	10 $\frac{1}{4}$	9	7 $\frac{1}{2}$ hf	6 $\frac{1}{2}$	5 hf	4 $\frac{1}{2}$	3 $\frac{1}{4}$ hf
4 5	12 $\frac{1}{2}$	10 hf	8 $\frac{1}{2}$	7 $\frac{1}{4}$ hf	6 $\frac{1}{4}$ hf	5	4 $\frac{1}{4}$	3 hf
4 0	12	10	8	7	6	5	4	3
3 15	11 $\frac{1}{2}$	9 $\frac{1}{4}$ hf	7 $\frac{1}{2}$	6 $\frac{1}{2}$	5 $\frac{1}{2}$ hf	4 $\frac{1}{2}$ hf	3 $\frac{1}{2}$	2 $\frac{3}{4}$
3 10	10 $\frac{1}{2}$	8 $\frac{1}{2}$	7	6 hf	5 $\frac{1}{4}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$ hf
3 5	9 $\frac{1}{2}$	8 hf	6 $\frac{1}{2}$	5 $\frac{1}{2}$ hf	4 $\frac{1}{2}$ hf	4	3 $\frac{1}{4}$	2 $\frac{1}{4}$ hf
3 0	9	7 $\frac{1}{2}$	6	5 $\frac{1}{4}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	3	2 $\frac{1}{4}$
2 15	8 $\frac{1}{2}$	6 $\frac{1}{2}$	5 hf	4 $\frac{1}{2}$	4 hf	3 $\frac{1}{2}$ hf	2 $\frac{1}{2}$	2
2 10	7 $\frac{1}{2}$	6 $\frac{1}{4}$	5	4 $\frac{1}{4}$ hf	3 $\frac{1}{2}$	3 hf	2 $\frac{1}{2}$	1 $\frac{3}{4}$ bf
2 5	6 $\frac{1}{2}$	5 hf	4 $\frac{1}{2}$	3 $\frac{3}{4}$ hf	3 $\frac{1}{4}$ hf	2 $\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$ hf
2 0	6	5	4	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$
1 15	5 $\frac{1}{2}$	4 $\frac{1}{2}$	3 $\frac{1}{2}$	3	2 $\frac{1}{2}$ hf	2 hf	1 $\frac{1}{2}$	1 $\frac{1}{4}$

EXPLANATION.—To find the Value per superficial Foot, seek for the Price per Tun solid in the Left-hand Column, over against which, and under the Thickness, you will find the Price per superficial Foot.

It is to be observed, that where there should happen any fractional Parts under Half a Farthing per superficial Foot (in this Table) they are excluded, being thought insignificant:

hf stands for Half a Farthing.



TABLES,

T A B L E S,
 SHEWING THE
 VALUE (PER RUNNING FOOT)
 OF
 S C A N T L I N G,

At the following PRICES: viz.

1s. 6d.—2s.—2s. 3d.—2s. 6d.—and 3s.
 per Foot Solid.

From 2 Inches to $8\frac{1}{2}$ Inches.

N. B. All Scantling, more than $8\frac{1}{2}$ Inches, to be
 charged by the Cube or Foot solid.

☞ In finding the Price of Scantling, have Recourse to the different Squares mentioned under the Prices of the Cube Foot, and you will find over against the Squares in Inches, &c. set down in the first Column on the Left-Hand, the Prices of the different Scantlings per Running Foot, in Pence and Farthings, agreeable to the Prices per Cube Foot mentioned at the Top of the Page.

PRICES OF SCANTLING.

Per Cube Foot.	s. d.					Per Cube Foot.	s. d.				
	1	6.	2	0	2	3	2	6	3	0	
Sqrs.	2 Inches by					Sqrs.	3 Inches by				
	d.	d.	d.	d.	d.		d.	d.	d.	d.	d.
2	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	1	3	1	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$2\frac{1}{4}$
$2\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$3\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{4}$	2	2	$2\frac{1}{2}$
3	$\frac{3}{4}$	1	1	1	$1\frac{1}{2}$	4	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
$3\frac{1}{2}$	$\frac{3}{4}$	1	1	$1\frac{1}{4}$	$1\frac{1}{4}$	$4\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{4}$	$3\frac{1}{4}$
4	1	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2	5	$1\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{4}$	3	$3\frac{1}{4}$
$4\frac{1}{2}$	1	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$5\frac{1}{2}$	2	$2\frac{1}{4}$	3	$3\frac{1}{4}$	4
5	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$	2	$2\frac{1}{2}$	6	$2\frac{1}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{4}$	$4\frac{1}{2}$
$5\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{3}{4}$	$6\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{4}$
6	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	7	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{1}{4}$	$4\frac{1}{4}$	$5\frac{1}{2}$
$6\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$7\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$	5
7	$1\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	8	3	4	$4\frac{1}{2}$	5	$5\frac{1}{4}$
$7\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{3}{4}$	$8\frac{1}{2}$	3	$4\frac{1}{2}$	$4\frac{1}{4}$	$5\frac{1}{2}$	$6\frac{1}{4}$
8	2	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$	4	9	$3\frac{1}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{4}$	$6\frac{1}{4}$
$8\frac{1}{2}$	2	$3\frac{1}{4}$	3	$3\frac{1}{2}$	$4\frac{1}{4}$	$9\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	7
9	$2\frac{1}{4}$	3	$3\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{1}{2}$	10	$3\frac{3}{4}$	5	$5\frac{1}{2}$	$6\frac{1}{4}$	$7\frac{1}{2}$
$9\frac{1}{2}$	$2\frac{1}{4}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{3}{4}$	$10\frac{1}{2}$	$3\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$	$7\frac{3}{4}$
10	$2\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{2}$	4	5	11	4	$5\frac{1}{2}$	6	$6\frac{1}{4}$	$8\frac{1}{4}$
$10\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{4}$	$5\frac{1}{4}$	$11\frac{1}{2}$	$4\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$	7	$8\frac{1}{2}$
11	$2\frac{3}{4}$	$4\frac{1}{2}$	4	$4\frac{1}{2}$	$5\frac{1}{2}$	12	$4\frac{1}{2}$	6	$6\frac{1}{4}$	$7\frac{1}{2}$	9
$11\frac{1}{2}$	$2\frac{3}{4}$	$4\frac{3}{4}$	$4\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{3}{4}$						
12	3	4	$4\frac{1}{2}$	5	6						
Sqrs.	$2\frac{1}{2}$ Inches by					Sqrs.	$3\frac{1}{2}$ Inches by				
	d.	d.	d.	d.	d.		d.	d.	d.	d.	d.
$2\frac{1}{2}$	$\frac{3}{4}$	1	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$3\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
3	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	4	$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{2}$
$3\frac{1}{2}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$	2	$4\frac{1}{2}$	$1\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{3}{4}$
4	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{4}$	2	$2\frac{1}{2}$	5	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$4\frac{1}{4}$
$4\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{3}{4}$	$5\frac{1}{2}$	$2\frac{1}{4}$	$3\frac{1}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{4}$
5	$1\frac{1}{2}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3	6	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{4}$	$5\frac{1}{4}$
$5\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$3\frac{1}{4}$	$6\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$5\frac{1}{2}$
6	$1\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{4}$	3	$3\frac{3}{4}$	7	3	4	$4\frac{1}{2}$	5	6
$6\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{3}{4}$	3	4	$7\frac{1}{2}$	$3\frac{1}{4}$	$4\frac{1}{4}$	$4\frac{3}{4}$	$5\frac{1}{2}$	$6\frac{1}{2}$
7	2	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$4\frac{1}{4}$	8	$3\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{1}{4}$	7
$7\frac{1}{2}$	$2\frac{1}{4}$	3	$3\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{1}{2}$	$8\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{4}$	$5\frac{1}{4}$	6	$7\frac{1}{4}$
8	$2\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{2}$	4	5	9	$3\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$7\frac{3}{4}$
$8\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$5\frac{1}{4}$	$9\frac{1}{2}$	4	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$8\frac{1}{4}$
9	$2\frac{3}{4}$	$3\frac{1}{2}$	4	$4\frac{1}{4}$	$5\frac{1}{2}$	10	$4\frac{1}{4}$	$5\frac{3}{4}$	$6\frac{1}{2}$	$7\frac{1}{4}$	$8\frac{1}{2}$
$9\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{3}{4}$	$4\frac{1}{4}$	$4\frac{1}{2}$	$5\frac{3}{4}$	$10\frac{1}{2}$	$4\frac{1}{2}$	6	$6\frac{1}{4}$	$7\frac{1}{2}$	9
10	3	4	$4\frac{1}{2}$	5	$6\frac{1}{4}$	11	$4\frac{3}{4}$	$6\frac{1}{4}$	7	$7\frac{1}{4}$	$9\frac{1}{2}$
$10\frac{1}{2}$	$3\frac{1}{4}$	$4\frac{1}{4}$	$4\frac{1}{2}$	5	$6\frac{1}{2}$	$11\frac{1}{2}$	5	$6\frac{1}{2}$	$7\frac{1}{4}$	$8\frac{1}{4}$	$10\frac{1}{2}$
11	$3\frac{1}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{4}$	$6\frac{1}{4}$	12	$5\frac{1}{4}$	7	$7\frac{1}{2}$	$8\frac{1}{2}$	
$11\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{4}$	$5\frac{1}{2}$	$7\frac{1}{4}$						
12	$3\frac{1}{2}$	5	$5\frac{1}{2}$	$6\frac{1}{4}$	$7\frac{1}{2}$						



PRICES OF SCANTLING.

13

Per Cube Foot.						Per Cube Foot.					
s. d.						s. d.					
1 6						1 6					
2 0						2 0					
2 3						2 3					
2 6						2 6					
3 0						3 0					
4 Inches by						5 Inches by					
Sqrs.	d.	d.	d.	d.	d.	Sqrs.	d.	d.	d.	d.	d.
4	2	2½	3	3¼	4	5	3	4	4½	5	6
4½	2¼	3	3¼	3¾	4½	5½	3¼	4½	5	5½	6½
5	2½	3¼	3½	4	5	6	3½	5	5½	6	7
5½	2¾	3½	4	4½	5½	6½	4	5½	6	6½	7½
6	3	4	4½	5	6	7	4¼	5½	6½	7	8
6½	3¼	4¼	4¾	5¼	6½	7½	4½	6	6½	7½	8½
7	3½	4½	5	5½	7	8	5	6½	7½	8	9
7½	3¾	5	5½	6¼	7½	8½	5¼	7	7½	8½	10
8	4	5½	5¾	6½	8	9	5½	7½	8½	9½	10½
8½	4¼	5½	6¼	7	8½	9½	5¾	7¾	8¾	9¾	11
9	4½	6	6½	7¼	9	10	6	8	9	10	11½
9½	4¾	6¼	7	7¾	9½	10½	6¼	8¼	9½	10½	12
10	5	6½	7¼	8	10	11	6½	8½	9½	10½	12½
10½	5¼	7	7¾	8½	10½	11½	6¾	9	10	11	13
11	5½	7¼	8¼	9	11	12	7	9½	10½	11½	13½
11½	5¾	7½	8½	9½	11½		7½	10	11	12½	14
12	6	8	9	10	12						
4½ Inches by						5½ Inches by					
Sqrs.	d.	d.	d.	d.	d.	Sqrs.	d.	d.	d.	d.	d.
4½	2½	3¼	3¾	4¼	5	5½	3½	5	5½	6½	7½
5	2¾	3¾	4	4½	5½	6	4	5½	6	6½	8
5½	3	4	4½	5	6	6½	4¼	5¾	6½	7½	8½
6	3¼	4¼	5	5½	6½	7	4½	6	7	7½	9
6½	3½	4¾	5¼	6	7¼	7½	5	6½	7½	8¼	10
7	3¾	5¼	5¾	6¼	7¾	8	5¼	7	8	9	11
7½	4	5½	6	6½	8	8½	5½	7½	8½	9½	11½
8	4¼	6	6½	7¼	9	9	6	8	9	10	12½
8½	4½	6¼	7	7¾	9½	9½	6¼	8½	9½	10½	13
9	5	6½	7½	8¼	10	10	6½	9	10	11½	13½
9½	5¼	7	7¾	8½	10½	10½	7	9½	10½	11½	14
10	5½	7¼	8	9	11	11	7½	10	11	12	15
10½	5¾	7½	8½	9½	11½	11½	7¾	10½	11½	12½	15½
11	6	8¼	9	9¾	12	12	8	11	12	13	16
11½	6¼	8½	9¼	10¼	12½						
12	6½	9	10	11	13½						

PRICES OF SCANTLING.

Per Cub Foot.	s. d.	s. d.	s. d.	s. d.	s. d.	Per Cub Foot.	e. d.	s. d.	s. d.	s. d.	s. d.
	1 6	2 0	2 3	2 6	3 0		1 6	2 0	2 3	2 6	3 0
Sqrs.	6 Inches by					Sqrs.	7 Inches by				
6	d. $4\frac{1}{2}$	d. 6	d. $6\frac{1}{2}$	d. $7\frac{1}{2}$	d. 9	7	d. 6	d. 8	d. 9	d. 10	d. $12\frac{1}{2}$
$6\frac{1}{2}$	$4\frac{3}{4}$	$6\frac{1}{2}$	$7\frac{1}{4}$	8	$9\frac{1}{2}$	$7\frac{1}{2}$	$6\frac{1}{2}$	$8\frac{1}{2}$	$9\frac{1}{2}$	$10\frac{1}{2}$	13
7	$5\frac{1}{4}$	7	$7\frac{3}{4}$	$8\frac{1}{2}$	$10\frac{1}{2}$	8	7	$9\frac{1}{4}$	$10\frac{1}{4}$	$11\frac{1}{2}$	14
$7\frac{1}{2}$	$5\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{1}{4}$	9	$11\frac{1}{4}$	$8\frac{1}{2}$	$7\frac{1}{4}$	$9\frac{3}{4}$	$10\frac{3}{4}$	12	$14\frac{3}{4}$
8	6	8	9	10	12	9	$7\frac{3}{4}$	$10\frac{1}{2}$	$11\frac{3}{4}$	13	$15\frac{3}{4}$
$8\frac{1}{2}$	$6\frac{1}{4}$	$8\frac{1}{2}$	$9\frac{1}{2}$	$10\frac{1}{2}$	$12\frac{3}{4}$	$9\frac{1}{2}$	$8\frac{1}{4}$	11	$12\frac{3}{4}$	$13\frac{3}{4}$	$16\frac{3}{4}$
9	$6\frac{3}{4}$	9	10	$11\frac{1}{4}$	$13\frac{1}{2}$	10	$8\frac{3}{4}$	$11\frac{1}{2}$	13	$14\frac{1}{2}$	$17\frac{1}{2}$
$9\frac{1}{2}$	7	$9\frac{1}{2}$	$10\frac{1}{2}$	$11\frac{3}{4}$	$14\frac{1}{4}$	$10\frac{1}{2}$	9	$12\frac{1}{4}$	$13\frac{1}{4}$	$15\frac{1}{4}$	$18\frac{1}{4}$
10	$7\frac{1}{2}$	10	$11\frac{1}{2}$	$12\frac{1}{2}$	15	11	$9\frac{1}{2}$	$12\frac{3}{4}$	$14\frac{1}{4}$	16	$19\frac{1}{4}$
$10\frac{1}{2}$	$7\frac{3}{4}$	$10\frac{1}{2}$	$11\frac{3}{4}$	13	$15\frac{3}{4}$	$11\frac{1}{2}$	10	$13\frac{1}{4}$	15	$16\frac{1}{4}$	20
11	$8\frac{1}{4}$	11	$12\frac{1}{4}$	$13\frac{3}{4}$	$16\frac{1}{2}$	12	$10\frac{1}{2}$	14	$15\frac{1}{2}$	$17\frac{1}{2}$	21
$11\frac{1}{2}$	$8\frac{1}{2}$	$11\frac{1}{2}$	$12\frac{3}{4}$	14	$17\frac{1}{4}$						
12	9	12	$13\frac{1}{2}$	15	18						
Sqrs.	$6\frac{1}{2}$ Inches by					Sqrs.	$7\frac{1}{2}$ Inches by				
$6\frac{1}{2}$	d. $5\frac{1}{4}$	d. 7	d. $7\frac{3}{4}$	d. $8\frac{1}{2}$	d. $10\frac{1}{2}$	$7\frac{1}{2}$	d. 7	d. $9\frac{1}{4}$	d. $10\frac{1}{4}$	d. $11\frac{1}{4}$	d. 14
7	$5\frac{1}{2}$	$7\frac{1}{2}$	$8\frac{1}{4}$	$9\frac{1}{4}$	$11\frac{1}{4}$	8	$7\frac{1}{2}$	10	$11\frac{1}{4}$	$12\frac{1}{2}$	15
$7\frac{1}{2}$	6	8	9	10	12	$8\frac{1}{2}$	$7\frac{3}{4}$	$10\frac{1}{2}$	$11\frac{1}{2}$	13	$15\frac{3}{4}$
8	$6\frac{1}{2}$	$8\frac{1}{2}$	$9\frac{1}{2}$	$10\frac{1}{2}$	13	9	$8\frac{1}{4}$	$11\frac{1}{4}$	$12\frac{1}{2}$	14	$16\frac{1}{4}$
$8\frac{1}{2}$	$6\frac{3}{4}$	9	$10\frac{1}{4}$	$11\frac{1}{4}$	$13\frac{3}{4}$	$9\frac{1}{2}$	$8\frac{3}{4}$	$11\frac{3}{4}$	$13\frac{3}{4}$	$14\frac{3}{4}$	$17\frac{3}{4}$
9	$7\frac{1}{4}$	$9\frac{1}{4}$	$10\frac{1}{4}$	12	$14\frac{1}{2}$	10	$9\frac{1}{4}$	$12\frac{1}{2}$	14	$15\frac{1}{2}$	$18\frac{1}{2}$
$9\frac{1}{2}$	$7\frac{1}{2}$	$10\frac{1}{4}$	$11\frac{1}{2}$	$12\frac{3}{4}$	$15\frac{1}{4}$	$10\frac{1}{2}$	$9\frac{3}{4}$	13	$14\frac{3}{4}$	$16\frac{3}{4}$	$19\frac{1}{2}$
10	8	$10\frac{3}{4}$	12	$13\frac{1}{4}$	$16\frac{1}{4}$	11	$10\frac{1}{4}$	$13\frac{3}{4}$	$15\frac{1}{4}$	17	$20\frac{1}{2}$
$10\frac{1}{2}$	$8\frac{1}{2}$	$11\frac{1}{4}$	$12\frac{1}{2}$	$13\frac{3}{4}$	17	$11\frac{1}{2}$	$10\frac{3}{4}$	$14\frac{1}{4}$	16	$17\frac{3}{4}$	$21\frac{1}{2}$
11	$8\frac{3}{4}$	$11\frac{3}{4}$	13	$14\frac{1}{4}$	$17\frac{3}{4}$	12	$11\frac{1}{4}$	15	$16\frac{3}{4}$	$18\frac{3}{4}$	$22\frac{1}{2}$
$11\frac{1}{2}$	$9\frac{1}{4}$	$12\frac{3}{4}$	$13\frac{1}{2}$	15	$18\frac{1}{2}$						
12	$9\frac{3}{4}$	13	$14\frac{1}{2}$	$16\frac{1}{4}$	$19\frac{1}{2}$						
Sqrs.	8 Inches by					Sqrs.	$8\frac{1}{2}$ Inches by				
8	d. 8	d. $10\frac{1}{2}$	d. 12	d. $13\frac{1}{4}$	d. 16	$8\frac{1}{2}$	d. 9	d. 12	d. $13\frac{1}{2}$	d. 15	d. 18
$8\frac{1}{2}$	$8\frac{1}{2}$	$11\frac{1}{4}$	$12\frac{1}{2}$	14	17	9	$9\frac{1}{2}$	$12\frac{3}{4}$	$14\frac{1}{4}$	$15\frac{3}{4}$	19
9	9	12	$13\frac{1}{2}$	15	18	$9\frac{1}{2}$	10	$13\frac{1}{4}$	15	$16\frac{1}{2}$	20
$9\frac{1}{2}$	$9\frac{1}{2}$	$12\frac{1}{2}$	14	$15\frac{3}{4}$	19	10	$10\frac{1}{2}$	14	$15\frac{3}{4}$	$17\frac{1}{2}$	$21\frac{1}{4}$
10	10	$13\frac{1}{4}$	$14\frac{1}{2}$	$16\frac{1}{2}$	20	$10\frac{1}{2}$	11	$14\frac{3}{4}$	$16\frac{1}{2}$	$18\frac{1}{2}$	$22\frac{1}{4}$
$10\frac{1}{2}$	$10\frac{1}{2}$	14	$15\frac{1}{4}$	$17\frac{1}{2}$	21	11	$11\frac{1}{2}$	$15\frac{1}{2}$	$17\frac{1}{4}$	$19\frac{1}{4}$	$23\frac{1}{4}$
11	11	$14\frac{1}{2}$	$16\frac{1}{2}$	$18\frac{1}{4}$	22	$11\frac{1}{2}$	12	$16\frac{1}{4}$	$18\frac{1}{4}$	$20\frac{1}{4}$	$24\frac{1}{4}$
$11\frac{1}{2}$	$11\frac{1}{2}$	$15\frac{1}{4}$	17	19	23	12	$12\frac{1}{2}$	17	19	$21\frac{1}{4}$	$25\frac{1}{2}$
12	12	16	18	20	24						

A
T A B L E
OF
SOLID MEASURE.

Feet long	Inches Square.								Feet long	Inches Square.							
	3		3 $\frac{1}{4}$		3 $\frac{1}{2}$		3 $\frac{3}{4}$			3		3 $\frac{1}{4}$		3 $\frac{1}{2}$		3 $\frac{3}{4}$	
	F.	Q.	F.	Q.	F.	Q.	F.	Q.		F.	Q.	F.	Q.	F.	Q.	F.	Q.
1	0	0	0	0	0	0	0	0	26	1	2	1	3	2	0	2	2
1 $\frac{1}{2}$	0	0	0	0	0	0	0	0	26 $\frac{1}{2}$	1	2	1	3	2	1	2	2
2	0	0	0	0	0	0	0	0	27	1	2	1	3	2	1	2	2
2 $\frac{1}{2}$	0	0	0	0	0	0	0	0	27 $\frac{1}{2}$	1	2	2	0	2	1	2	2
3	0	0	0	0	0	1	0	1	28	1	3	2	0	2	1	2	2
3 $\frac{1}{2}$	0	0	0	1	0	1	0	1	28 $\frac{1}{2}$	1	3	2	0	2	1	2	3
4	0	1	0	1	0	1	0	1	29	1	3	2	0	2	1	2	3
4 $\frac{1}{2}$	0	1	0	1	0	1	0	1	29 $\frac{1}{2}$	1	3	2	0	2	2	2	3
5	0	1	0	1	0	1	0	1	30	1	3	2	0	2	2	2	3
5 $\frac{1}{2}$	0	1	0	1	0	1	0	2	30 $\frac{1}{2}$	1	3	2	0	2	2	2	3
6	0	1	0	1	0	2	0	2	31	1	3	2	1	2	2	3	0
6 $\frac{1}{2}$	0	1	0	1	0	2	0	2	31 $\frac{1}{2}$	1	3	2	1	2	2	3	0
7	0	1	0	2	0	2	0	2	32	2	0	2	1	2	2	3	0
7 $\frac{1}{2}$	0	1	0	2	0	2	0	2	32 $\frac{1}{2}$	2	0	2	1	2	3	3	0
8	0	2	0	2	0	2	0	3	33	2	0	2	1	2	3	3	0
8 $\frac{1}{2}$	0	2	0	2	0	2	0	3	33 $\frac{1}{2}$	2	0	2	1	2	3	3	1
9	0	2	0	2	0	3	0	3	34	2	0	2	1	2	3	3	1
9 $\frac{1}{2}$	0	2	0	2	0	3	0	3	34 $\frac{1}{2}$	2	0	2	2	2	3	3	1
10	0	2	0	2	0	3	0	3	35	2	0	2	2	2	3	3	1
10 $\frac{1}{2}$	0	2	0	3	0	3	1	0	35 $\frac{1}{2}$	2	0	2	2	3	0	3	1
11	0	2	0	3	0	3	1	0	36	2	1	2	2	3	0	3	2
11 $\frac{1}{2}$	0	2	0	3	0	3	1	0	36 $\frac{1}{2}$	2	1	2	2	3	0	3	2
12	0	3	0	3	1	0	1	0	37	2	1	2	2	3	0	3	2
12 $\frac{1}{2}$	0	3	0	3	1	0	1	0	37 $\frac{1}{2}$	2	1	2	3	3	0	3	2
13	0	3	0	3	1	0	1	1	38	2	1	2	3	3	0	3	2
13 $\frac{1}{2}$	0	3	0	3	1	0	1	1	38 $\frac{1}{2}$	2	1	2	3	3	1	3	3
14	0	3	1	0	1	0	1	1	39	2	1	2	3	3	1	3	3
14 $\frac{1}{2}$	0	3	1	0	1	0	1	1	39 $\frac{1}{2}$	2	1	2	3	3	1	3	3
15	0	3	1	0	1	1	1	1	40	2	2	2	3	3	1	3	3
15 $\frac{1}{2}$	0	3	1	0	1	1	1	2	40 $\frac{1}{2}$	2	2	2	3	3	1	3	3
16	1	0	1	0	1	1	1	2	41	2	2	3	0	3	1	4	0
16 $\frac{1}{2}$	1	0	1	0	1	1	1	2	41 $\frac{1}{2}$	2	2	3	0	3	2	4	0
17	1	0	1	0	1	1	1	2	42	2	2	3	0	3	2	4	0
17 $\frac{1}{2}$	1	0	1	1	1	1	1	2	42 $\frac{1}{2}$	2	2	3	0	3	2	4	0
18	1	0	1	1	1	2	1	3	43	2	2	3	0	3	2	4	0
18 $\frac{1}{2}$	1	0	1	1	1	2	1	3	43 $\frac{1}{2}$	2	2	3	0	3	2	4	0
19	1	0	1	1	1	2	1	3	44	2	3	3	0	3	2	4	1
19 $\frac{1}{2}$	1	0	1	1	1	2	1	3	44 $\frac{1}{2}$	2	3	3	1	3	3	4	1
20	1	1	1	1	1	2	1	3	45	2	3	3	1	3	3	4	1
20 $\frac{1}{2}$	1	1	1	2	1	2	2	0	45 $\frac{1}{2}$	2	3	3	1	3	3	4	1
21	1	1	1	2	1	3	2	0	46	2	3	3	1	3	3	4	1
21 $\frac{1}{2}$	1	1	1	2	1	3	2	0	46 $\frac{1}{2}$	2	3	3	1	3	3	4	2
22	1	1	1	2	1	3	2	0	47	2	3	3	1	3	3	4	2
22 $\frac{1}{2}$	1	1	1	2	1	3	2	0	47 $\frac{1}{2}$	2	3	3	1	4	0	4	2
23	1	1	1	2	1	3	2	1	48	3	0	3	2	4	0	4	2
23 $\frac{1}{2}$	1	1	1	2	1	3	2	1	48 $\frac{1}{2}$	3	0	3	2	4	0	4	2
24	1	2	1	3	2	0	2	1	49	3	0	3	2	4	0	4	3
24 $\frac{1}{2}$	1	2	1	3	2	0	2	1	49 $\frac{1}{2}$	3	0	3	2	4	0	4	3
25	1	2	1	3	2	0	2	1	50	3	0	3	2	4	1	4	3
25 $\frac{1}{2}$	1	2	1	3	2	0	2	1									

A TABLE OF SOLID MEASURE.

17

Feet long	Inches Square.				Feet long	Inches Square.			
	4	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$		4	4 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	0 0	0 0	0 0	0 0	26	2 3	3 1	3 2	4 0
1 $\frac{1}{2}$	0 0	0 0	0 0	0 0	26 $\frac{1}{2}$	2 3	3 1	3 2	4 0
2	0 0	0 1	0 1	0 1	27	3 0	3 1	3 3	4 0
2 $\frac{1}{2}$	0 1	0 1	0 1	0 1	27 $\frac{1}{2}$	3 0	3 1	3 3	4 1
3	0 1	0 1	0 1	0 1	28	3 0	3 2	3 3	4 1
3 $\frac{1}{2}$	0 1	0 1	0 1	0 2	28 $\frac{1}{2}$	3 0	3 2	4 0	4 1
4	0 1	0 2	0 2	0 2	29	3 0	3 2	4 0	4 2
4 $\frac{1}{2}$	0 2	0 2	0 2	0 2	29 $\frac{1}{2}$	3 1	3 2	4 0	4 2
5	0 2	0 2	0 2	0 3	30	3 1	3 3	4 0	4 2
5 $\frac{1}{2}$	0 2	0 2	0 3	0 3	30 $\frac{1}{2}$	3 1	3 3	4 1	4 3
6	0 2	0 3	0 3	0 3	31	3 1	3 3	4 1	4 3
6 $\frac{1}{2}$	0 2	0 3	0 3	1 0	31 $\frac{1}{2}$	3 2	3 3	4 1	4 3
7	0 3	0 3	0 3	1 0	32	3 2	4 0	4 2	5 0
7 $\frac{1}{2}$	0 3	0 3	1 0	1 0	32 $\frac{1}{2}$	3 2	4 0	4 2	5 0
8	0 3	1 0	1 0	1 1	33	3 2	4 0	4 2	5 0
8 $\frac{1}{2}$	0 3	1 0	1 0	1 1	33 $\frac{1}{2}$	3 2	4 0	4 2	5 0
9	1 0	1 0	1 1	1 1	34	3 3	4 1	4 3	5 1
9 $\frac{1}{2}$	1 0	1 0	1 1	1 1	34 $\frac{1}{2}$	3 3	4 1	4 3	5 1
10	1 0	1 1	1 1	1 2	35	3 3	4 1	4 3	5 1
10 $\frac{1}{2}$	1 0	1 1	1 1	1 2	35 $\frac{1}{2}$	3 3	4 1	4 3	5 2
11	1 0	1 1	1 2	1 2	36	4 0	4 2	5 0	5 2
11 $\frac{1}{2}$	1 1	1 1	1 2	1 3	36 $\frac{1}{2}$	4 0	4 2	5 0	5 2
12	1 1	1 2	1 2	1 3	37	4 0	4 2	5 0	5 3
12 $\frac{1}{2}$	1 1	1 2	1 3	1 3	37 $\frac{1}{2}$	4 0	4 2	5 1	5 3
13	1 1	1 2	1 3	2 0	38	4 0	4 3	5 1	5 3
13 $\frac{1}{2}$	1 2	1 2	1 3	2 0	38 $\frac{1}{2}$	4 1	4 3	5 1	6 0
14	1 2	1 3	1 3	2 0	39	4 1	4 3	5 1	6 0
14 $\frac{1}{2}$	1 2	1 3	2 0	2 1	39 $\frac{1}{2}$	4 1	4 3	5 2	6 0
15	1 2	1 3	2 0	2 1	40	4 1	5 0	5 2	6 1
15 $\frac{1}{2}$	1 2	1 3	2 0	2 1	40 $\frac{1}{2}$	4 2	5 0	5 2	6 1
16	1 3	2 0	2 1	2 2	41	4 2	5 0	5 3	6 1
16 $\frac{1}{2}$	1 3	2 0	2 1	2 2	41 $\frac{1}{2}$	4 2	5 0	5 3	6 2
17	1 3	2 0	2 1	2 2	42	4 2	5 1	5 3	6 2
17 $\frac{1}{2}$	1 3	2 0	2 1	2 2	42 $\frac{1}{2}$	4 2	5 1	5 3	6 2
18	2 0	2 1	2 2	2 3	43	4 3	5 1	6 0	6 2
18 $\frac{1}{2}$	2 0	2 1	2 2	2 3	43 $\frac{1}{2}$	4 3	5 1	6 0	6 3
19	2 0	2 1	2 2	2 3	44	4 3	5 2	6 0	6 3
19 $\frac{1}{2}$	2 0	2 1	2 2	3 0	44 $\frac{1}{2}$	4 3	5 2	6 1	6 3
20	2 0	2 2	2 3	3 0	45	5 0	5 2	6 1	7 0
20 $\frac{1}{2}$	2 1	2 2	2 3	3 0	45 $\frac{1}{2}$	5 0	5 2	6 1	7 0
21	2 1	2 2	2 3	3 1	46	5 0	5 3	6 1	7 0
21 $\frac{1}{2}$	2 1	2 2	3 0	3 1	46 $\frac{1}{2}$	5 0	5 3	6 2	7 1
22	2 1	2 3	3 0	3 1	47	5 0	5 3	6 2	7 1
22 $\frac{1}{2}$	2 2	2 3	3 0	3 2	47 $\frac{1}{2}$	5 1	5 3	6 2	7 1
23	2 2	2 3	3 0	3 2	48	5 1	6 0	6 3	7 2
23 $\frac{1}{2}$	2 2	2 3	3 1	3 2	48 $\frac{1}{2}$	5 1	6 0	6 3	7 2
24	2 2	3 0	3 1	3 3	49	5 1	6 0	6 3	7 2
24 $\frac{1}{2}$	2 2	3 0	3 1	3 3	49 $\frac{1}{2}$	5 2	6 0	6 3	7 3
25	2 3	3 0	3 2	3 3	50	5 2	6 1	7 0	7 3
25 $\frac{1}{2}$	2 3	3 0	3 2	3 3					

Feet		Inches Square.				Feet		Inches Square.							
long		5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	long		5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$				
		F. Q.	F. Q.	F. Q.	F. Q.			F. Q.	F. Q.	F. Q.	F. Q.				
1	0	0	0	0	0	26	4	2	4	3	5	1	5	3	
1 $\frac{1}{4}$	0	1	0	1	0	1	26 $\frac{1}{2}$	4	2	5	0	5	2	6	0
2	0	1	0	1	0	1	27	4	3	5	0	5	2	6	0
2 $\frac{1}{4}$	0	1	0	1	0	2	27 $\frac{1}{2}$	4	3	5	1	5	3	6	1
3	0	2	0	2	0	2	28	4	3	5	1	5	3	6	1
3 $\frac{1}{4}$	0	2	0	2	0	3	28 $\frac{1}{2}$	4	3	5	1	5	3	6	2
4	0	2	0	3	0	3	29	5	0	5	2	6	0	6	2
4 $\frac{1}{4}$	0	3	0	3	0	3	29 $\frac{1}{2}$	5	0	5	2	6	0	6	3
5	0	3	0	3	1	0	30	5	0	5	2	6	1	6	3
5 $\frac{1}{4}$	0	3	1	0	1	0	30 $\frac{1}{2}$	5	1	5	3	6	1	7	0
6	1	0	1	0	1	1	31	5	1	5	3	6	2	7	0
6 $\frac{1}{4}$	1	0	1	0	1	1	31 $\frac{1}{2}$	5	1	6	0	6	2	7	0
7	1	0	1	1	1	2	32	5	2	6	0	6	2	7	1
7 $\frac{1}{4}$	1	1	1	1	2	2	32 $\frac{1}{2}$	5	2	6	0	6	3	7	1
8	1	1	1	2	1	3	33	5	2	6	1	6	3	7	2
8 $\frac{1}{4}$	1	1	1	2	1	3	33 $\frac{1}{2}$	5	3	6	1	7	0	7	2
9	1	2	1	3	2	0	34	5	3	6	2	7	0	7	3
9 $\frac{1}{4}$	1	2	1	3	2	0	34 $\frac{1}{2}$	5	3	6	2	7	0	7	3
10	1	2	1	3	2	1	35	6	0	6	2	7	1	8	0
10 $\frac{1}{4}$	1	3	2	0	2	1	35 $\frac{1}{2}$	6	0	6	3	7	1	8	0
11	1	3	2	0	2	2	36	6	1	6	3	7	2	8	1
11 $\frac{1}{4}$	1	3	2	0	2	2	36 $\frac{1}{2}$	6	1	6	3	7	2	8	1
12	2	0	2	1	2	2	37	6	1	7	0	7	3	8	1
12 $\frac{1}{4}$	2	0	2	1	2	2	37 $\frac{1}{2}$	6	2	7	0	7	3	8	2
13	2	1	2	1	2	2	38	6	2	7	1	7	3	8	2
13 $\frac{1}{4}$	2	1	2	2	2	3	38 $\frac{1}{2}$	6	2	7	1	8	0	8	3
14	2	1	2	2	2	3	39	6	3	7	1	8	0	8	3
14 $\frac{1}{4}$	2	2	2	3	3	0	39 $\frac{1}{2}$	6	3	7	2	8	1	9	0
15	2	2	2	3	3	0	40	6	3	7	2	8	1	9	0
15 $\frac{1}{4}$	2	2	2	3	3	1	40 $\frac{1}{2}$	7	0	7	3	8	2	9	1
16	2	3	3	0	3	1	41	7	0	7	3	8	2	9	1
16 $\frac{1}{4}$	2	3	3	0	3	1	41 $\frac{1}{2}$	7	0	7	3	8	2	9	1
17	2	3	3	1	3	2	42	7	1	8	0	8	3	9	2
17 $\frac{1}{4}$	3	0	3	1	3	2	42 $\frac{1}{2}$	7	1	8	0	8	3	9	2
18	3	0	3	1	3	3	43	7	1	8	0	9	0	9	3
18 $\frac{1}{4}$	3	0	3	2	3	3	43 $\frac{1}{2}$	7	2	8	1	9	0	9	3
19	3	1	3	2	3	3	44	7	2	8	1	9	0	10	0
19 $\frac{1}{4}$	3	1	3	2	4	0	44 $\frac{1}{2}$	7	2	8	2	9	1	10	0
20	3	1	3	3	4	0	45	7	3	8	2	9	1	10	1
20 $\frac{1}{4}$	3	2	3	3	4	1	45 $\frac{1}{2}$	7	3	8	2	9	2	10	1
21	3	2	4	0	4	1	46	7	3	8	3	9	2	10	2
21 $\frac{1}{4}$	3	2	4	0	4	2	46 $\frac{1}{2}$	8	0	8	3	9	3	10	2
22	3	3	4	0	4	2	47	8	0	8	3	9	3	10	3
22 $\frac{1}{4}$	3	3	4	1	4	2	47 $\frac{1}{2}$	8	0	9	0	9	3	10	3
23	3	3	4	1	4	3	48	8	1	9	0	10	0	11	0
23 $\frac{1}{4}$	4	0	4	1	4	3	48 $\frac{1}{2}$	8	1	9	1	10	0	11	0
24	4	0	4	2	5	0	49	8	2	9	1	10	1	11	1
24 $\frac{1}{4}$	4	1	4	2	5	0	49 $\frac{1}{2}$	8	2	9	1	10	1	11	1
25	4	1	4	3	5	1	50	8	2	9	2	10	2	11	1
25 $\frac{1}{4}$	4	1	4	3	5	1									

Feet long		Inches Square.								Feet long		Inches Square.							
		7		7 $\frac{1}{2}$		7 $\frac{1}{2}$		7 $\frac{1}{2}$				7		7 $\frac{1}{2}$		7 $\frac{1}{2}$		7 $\frac{1}{2}$	
		F	Q.	F	Q.	F	Q.	F	Q.			F	Q.	F	Q.	F	Q.	F	Q.
1	0	1	0	1	0	1	0	1	6	1	26	8	3	9	1	10	0	10	3
1 $\frac{1}{2}$	0	2	0	2	0	2	0	2	0	2	26 $\frac{1}{2}$	9	0	9	2	10	1	11	0
2	0	2	0	2	0	3	0	3	0	3	27	9	0	9	3	10	2	11	0
2 $\frac{1}{2}$	0	3	0	3	0	3	0	3	1	0	27 $\frac{1}{2}$	9	1	10	0	10	2	11	1
3	1	0	1	0	1	0	1	0	1	1	28	9	2	10	0	10	3	11	2
3 $\frac{1}{2}$	1	0	1	1	1	1	1	1	1	1	28 $\frac{1}{2}$	9	2	10	1	11	0	11	1
4	1	1	1	1	1	1	2	1	2	2	29	9	3	10	2	11	1	12	0
4 $\frac{1}{2}$	1	2	1	2	1	3	1	3	1	3	29 $\frac{1}{2}$	10	0	10	3	11	2	12	1
5	1	2	1	3	1	3	2	0	2	0	30	10	0	10	3	11	2	12	2
5 $\frac{1}{2}$	1	3	2	0	2	0	2	1	2	1	30 $\frac{1}{2}$	10	1	11	0	11	3	12	2
6	2	0	2	0	2	1	2	2	2	2	31	10	2	11	1	12	0	12	3
6 $\frac{1}{2}$	2	0	2	1	2	2	2	2	2	2	31 $\frac{1}{2}$	10	2	11	1	12	1	13	0
7	2	1	2	2	2	2	2	2	3	3	32	10	3	11	2	12	2	13	1
7 $\frac{1}{2}$	2	2	2	2	2	3	3	0	3	0	32 $\frac{1}{2}$	11	0	11	3	12	2	13	2
8	2	2	2	3	3	0	3	1	3	1	33	11	0	12	0	12	3	13	3
8 $\frac{1}{2}$	2	3	3	0	3	1	3	2	3	2	33 $\frac{1}{2}$	11	1	12	0	13	0	13	3
9	3	0	3	1	3	2	3	3	3	3	34	11	2	12	1	13	1	14	0
9 $\frac{1}{2}$	3	0	3	1	3	2	3	3	3	3	34 $\frac{1}{2}$	11	2	12	2	13	1	14	1
10	3	1	3	2	3	3	4	0	4	0	35	11	3	12	3	13	2	14	2
10 $\frac{1}{2}$	3	2	3	3	4	0	4	1	4	1	35 $\frac{1}{2}$	12	0	12	3	13	3	14	3
11	3	2	4	0	4	1	4	2	4	2	36	12	1	13	0	14	0	15	0
11 $\frac{1}{2}$	3	3	4	0	4	1	4	3	4	3	36 $\frac{1}{2}$	12	1	13	1	14	1	15	0
12	4	0	4	1	4	2	5	0	5	0	37	12	2	13	2	14	1	15	1
12 $\frac{1}{2}$	4	1	4	2	4	3	5	0	5	0	37 $\frac{1}{2}$	12	3	13	2	14	2	15	2
13	4	1	4	2	5	0	5	1	5	1	38	12	3	13	3	14	3	15	3
13 $\frac{1}{2}$	4	2	4	3	5	1	5	2	5	2	38 $\frac{1}{2}$	13	0	14	0	15	0	16	0
14	4	3	5	0	5	1	5	3	6	1	39	13	1	14	0	15	0	16	1
14 $\frac{1}{2}$	4	3	5	1	5	2	6	0	6	0	39 $\frac{1}{2}$	13	1	14	1	15	1	16	1
15	5	0	5	1	5	3	6	1	6	1	40	13	2	14	2	15	2	16	2
15 $\frac{1}{2}$	5	1	5	2	6	0	6	1	6	1	40 $\frac{1}{2}$	13	3	14	3	15	3	16	3
16	5	1	5	3	6	1	6	2	6	2	41	13	3	14	3	16	0	17	0
16 $\frac{1}{2}$	5	2	6	0	6	1	6	3	6	3	41 $\frac{1}{2}$	14	0	15	0	16	0	17	1
17	5	3	6	0	6	2	7	0	7	0	42	14	1	15	1	16	1	17	2
17 $\frac{1}{2}$	5	3	6	1	6	3	7	1	7	1	42 $\frac{1}{2}$	14	1	15	2	16	2	17	2
18	6	0	6	2	7	0	7	2	7	2	43	14	2	15	2	16	3	17	3
18 $\frac{1}{2}$	6	1	6	3	7	0	7	2	7	2	43 $\frac{1}{2}$	14	3	15	3	16	3	18	0
19	6	1	6	3	7	1	7	3	8	0	44	14	3	16	0	17	0	18	1
19 $\frac{1}{2}$	6	2	7	0	7	2	8	0	8	0	44 $\frac{1}{2}$	15	0	16	0	17	1	18	2
20	6	3	7	1	7	3	8	1	8	1	45	15	1	16	1	17	2	18	3
20 $\frac{1}{2}$	6	3	7	1	8	0	8	2	8	2	45 $\frac{1}{2}$	15	1	16	2	17	3	18	3
21	7	0	7	2	8	0	8	3	8	3	46	15	2	16	3	17	3	19	0
21 $\frac{1}{2}$	7	1	7	3	8	1	8	3	9	0	46 $\frac{1}{2}$	15	3	16	3	18	0	19	1
22	7	1	8	0	8	2	9	0	9	0	47	15	3	17	0	18	1	19	2
22 $\frac{1}{2}$	7	2	8	0	8	3	9	1	9	1	47 $\frac{1}{2}$	16	0	17	1	18	2	19	3
23	7	3	8	1	8	3	9	2	9	2	48	16	1	17	2	18	3	20	0
23 $\frac{1}{2}$	7	3	8	2	9	0	9	3	10	0	48 $\frac{1}{2}$	16	2	17	2	18	3	20	0
24	8	0	8	3	9	1	10	0	10	0	49	16	2	17	3	19	0	20	1
24 $\frac{1}{2}$	8	1	8	3	9	2	10	0	10	0	49 $\frac{1}{2}$	16	3	18	0	19	1	20	2
25	8	2	9	0	9	3	10	1	10	1	50	17	0	18	1	19	2	20	3
25 $\frac{1}{2}$	8	2	9	1	9	3	10	2	10	2									

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	8	8 $\frac{1}{4}$	8 $\frac{1}{2}$	8 $\frac{3}{4}$		8	8 $\frac{1}{4}$	8 $\frac{1}{2}$	8 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	0 1	0 1	0 2	0 2	26	11 2	12 1	13 0	13 3
1 $\frac{1}{2}$	0 2	0 2	0 3	0 3	26 $\frac{1}{2}$	11 3	12 2	13 1	14 0
2	0 3	0 3	1 0	1 0	27	12 0	12 3	13 2	14 1
2 $\frac{1}{2}$	1 0	1 0	1 1	1 1	27 $\frac{1}{2}$	12 0	12 3	13 3	14 2
3	1 1	1 1	1 2	1 2	28	12 1	13 0	14 0	14 3
3 $\frac{1}{2}$	1 2	1 2	1 3	1 3	28 $\frac{1}{2}$	12 2	13 1	14 1	15 0
4	1 3	1 3	2 0	2 0	29	12 3	13 2	14 2	15 1
4 $\frac{1}{2}$	2 0	2 0	2 1	2 1	29 $\frac{1}{2}$	13 0	13 3	14 3	15 2
5	2 0	2 1	2 2	2 2	30	13 1	14 0	15 0	15 3
5 $\frac{1}{2}$	2 1	2 2	2 3	2 3	30 $\frac{1}{2}$	13 2	14 1	15 1	16 0
6	2 2	2 3	3 0	3 0	31	13 3	14 2	15 2	16 1
6 $\frac{1}{2}$	2 3	3 0	3 1	3 1	31 $\frac{1}{2}$	14 0	14 3	15 3	16 2
7	3 0	3 1	3 2	3 2	32	14 0	15 0	16 0	17 0
7 $\frac{1}{2}$	3 1	3 2	3 3	3 3	32 $\frac{1}{2}$	14 1	15 1	16 1	17 1
8	3 2	3 3	4 0	4 0	33	14 2	15 2	16 2	17 2
8 $\frac{1}{2}$	3 3	4 0	4 1	4 1	33 $\frac{1}{2}$	14 3	15 3	16 3	17 3
9	4 0	4 1	4 2	4 3	34	15 0	16 0	17 0	18 0
9 $\frac{1}{2}$	4 0	4 1	4 3	5 0	34 $\frac{1}{2}$	15 1	16 1	17 1	18 1
10	4 1	4 2	5 0	5 1	35	15 2	16 2	17 2	18 2
10 $\frac{1}{2}$	4 2	4 3	5 1	5 2	35 $\frac{1}{2}$	15 3	16 3	17 3	18 3
11	4 3	5 0	5 2	5 3	36	16 0	17 0	18 0	19 0
11 $\frac{1}{2}$	5 0	5 1	5 3	6 0	36 $\frac{1}{2}$	16 0	17 1	18 1	19 1
12	5 1	5 2	6 0	6 1	37	16 1	17 1	18 2	19 2
12 $\frac{1}{2}$	5 2	5 3	6 1	6 2	37 $\frac{1}{2}$	16 2	17 2	18 3	19 3
13	5 3	6 0	6 2	6 3	38	16 3	17 3	19 0	20 0
13 $\frac{1}{2}$	6 0	6 1	6 3	7 0	38 $\frac{1}{2}$	17 0	18 0	19 1	20 1
14	6 0	6 2	7 0	7 1	39	17 1	18 1	19 2	20 2
14 $\frac{1}{2}$	6 1	6 3	7 1	7 2	39 $\frac{1}{2}$	17 2	18 2	19 3	20 3
15	6 2	7 0	7 2	7 3	40	17 3	18 3	20 0	21 1
15 $\frac{1}{2}$	6 3	7 1	7 3	8 0	40 $\frac{1}{2}$	18 0	19 0	20 1	21 2
16	7 0	7 2	8 0	8 2	41	18 0	19 1	20 2	21 3
16 $\frac{1}{2}$	7 1	7 3	8 1	8 3	41 $\frac{1}{2}$	18 1	19 2	20 3	22 0
17	7 2	8 0	8 2	9 0	42	18 2	19 3	21 0	22 1
17 $\frac{1}{2}$	7 3	8 1	8 3	9 1	42 $\frac{1}{2}$	18 3	20 0	21 1	22 2
18	8 0	8 2	9 0	9 2	43	19 0	20 1	21 2	22 3
18 $\frac{1}{2}$	8 0	8 2	9 1	9 3	43 $\frac{1}{2}$	19 1	20 2	21 3	23 0
19	8 1	8 3	9 2	10 0	44	19 2	20 3	22 0	23 1
19 $\frac{1}{2}$	8 2	9 0	9 3	10 1	44 $\frac{1}{2}$	19 3	21 0	22 1	23 2
20	8 3	9 1	10 0	10 2	45	20 0	21 1	22 2	23 3
20 $\frac{1}{2}$	9 0	9 2	10 1	10 3	45 $\frac{1}{2}$	20 0	21 2	22 3	24 0
21	9 1	9 3	10 2	11 0	46	20 1	21 2	23 0	24 1
21 $\frac{1}{2}$	9 2	10 0	10 3	11 1	46 $\frac{1}{2}$	20 2	21 3	23 1	24 2
22	9 3	10 1	11 0	11 2	47	20 3	22 0	23 2	24 3
22 $\frac{1}{2}$	10 0	10 2	11 1	11 3	47 $\frac{1}{2}$	21 0	22 1	23 3	25 1
23	10 0	10 3	11 2	12 0	48	21 1	22 2	24 0	25 2
23 $\frac{1}{2}$	10 1	11 0	11 3	12 1	48 $\frac{1}{2}$	21 2	22 3	24 1	25 3
24	10 2	11 1	12 0	12 3	49	21 3	23 0	24 2	26 0
24 $\frac{1}{2}$	10 3	11 2	12 1	13 0	49 $\frac{1}{2}$	22 0	23 1	24 3	26 1
25	11 0	11 3	12 2	13 1	50	22 0	23 2	25 0	26 2
25 $\frac{1}{2}$	11 1	12 0	13 1	13 2					

A TABLE OF SOLID MEASURE.

Feet				Inches Square.				Feet				Inches Square.							
long				9				9 $\frac{1}{4}$				9 $\frac{1}{2}$				9 $\frac{3}{4}$			
F. Q.				F. Q.				F. Q.				F. Q.				F. Q.			
1	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	
1 $\frac{1}{4}$	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	
2	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	
2 $\frac{1}{4}$	1	1	1	1	1	1	1	2	1	2	1	2	1	2	1	2	1	2	
3	1	2	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	
3 $\frac{1}{4}$	1	3	2	0	2	0	2	0	2	0	2	0	2	0	2	0	2	0	
4	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
4 $\frac{1}{4}$	2	2	2	2	2	2	2	3	2	3	2	3	2	3	2	3	2	3	
5	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	
5 $\frac{1}{4}$	3	0	3	0	3	0	3	1	3	1	3	1	3	1	3	1	3	1	
6	3	1	3	2	3	2	3	3	3	3	3	3	3	3	3	3	3	3	
6 $\frac{1}{4}$	3	2	3	3	3	3	4	0	4	1	4	1	4	1	4	1	4	1	
7	3	3	4	0	4	1	4	1	4	2	4	2	4	2	4	2	4	2	
7 $\frac{1}{4}$	4	0	4	1	4	2	4	2	4	3	5	0	5	1	5	2	5	3	
8	4	2	4	3	5	0	5	1	5	2	5	3	6	1	6	2	6	3	
8 $\frac{1}{4}$	4	3	5	0	5	1	5	2	5	3	6	2	6	3	7	1	7	2	
9	5	0	5	1	5	2	5	3	6	1	6	2	6	3	7	2	7	3	
9 $\frac{1}{4}$	5	1	5	2	5	3	6	1	6	2	6	3	7	2	7	3	8	1	
10	5	2	5	3	6	2	6	3	7	2	7	3	8	1	8	2	8	3	
10 $\frac{1}{4}$	5	3	6	0	6	2	6	3	7	3	8	2	8	3	9	0	9	1	
11	6	0	6	2	6	3	7	1	7	2	7	3	8	2	8	3	9	2	
11 $\frac{1}{4}$	6	1	6	3	7	0	7	2	7	3	8	2	8	3	9	2	9	3	
12	6	3	7	0	7	2	7	3	8	1	8	2	8	3	9	3	10	0	
12 $\frac{1}{4}$	7	0	7	1	7	3	8	1	8	2	8	3	9	3	10	1	10	2	
13	7	1	7	2	8	0	8	1	8	2	8	3	9	3	10	2	10	3	
13 $\frac{1}{4}$	7	2	8	0	8	1	8	2	8	3	9	3	10	3	11	0	11	1	
14	7	3	8	1	8	2	9	0	9	1	9	2	9	3	10	3	11	2	
14 $\frac{1}{4}$	8	0	8	2	9	0	9	1	9	2	9	3	10	3	11	2	11	3	
15	8	1	8	3	9	1	9	2	10	0	10	1	10	2	10	3	11	4	
15 $\frac{1}{4}$	8	2	9	0	9	2	10	0	10	1	10	2	10	3	11	3	12	0	
16	9	0	9	2	10	0	10	1	10	2	10	3	11	3	12	1	12	1	
16 $\frac{1}{4}$	9	1	9	3	10	1	10	2	10	3	11	3	12	1	12	2	12	2	
17	9	2	10	0	10	2	11	0	11	1	11	2	11	3	12	2	12	3	
17 $\frac{1}{4}$	9	3	10	1	10	3	11	1	11	2	11	3	12	2	12	3	13	0	
18	10	0	10	2	11	1	11	2	11	3	12	2	12	3	13	1	13	1	
18 $\frac{1}{4}$	10	1	10	3	11	2	12	0	12	1	12	2	12	3	13	2	13	2	
19	10	2	11	1	11	3	12	1	12	2	12	3	13	2	13	3	14	0	
19 $\frac{1}{4}$	10	3	11	2	12	0	12	2	12	3	13	2	13	3	14	3	14	1	
20	11	0	11	3	12	2	13	0	13	1	13	2	13	3	14	3	15	0	
20 $\frac{1}{4}$	11	1	11	3	12	3	13	1	13	2	13	3	14	3	15	1	15	1	
21	11	2	12	0	12	3	13	2	13	3	14	3	15	2	15	2	16	0	
21 $\frac{1}{4}$	11	3	12	1	13	0	13	3	14	2	14	3	15	3	16	3	16	1	
22	12	0	12	2	13	1	14	0	14	1	14	2	14	3	15	3	16	2	
22 $\frac{1}{4}$	12	1	13	0	13	2	14	1	14	2	14	3	15	3	16	4	17	0	
23	12	2	13	1	14	1	15	0	15	1	15	2	15	3	16	4	17	1	
23 $\frac{1}{4}$	12	3	13	2	14	2	15	1	15	2	15	3	16	4	17	5	18	0	
24	13	0	13	3	14	2	15	2	15	3	16	4	17	5	18	5	19	0	
24 $\frac{1}{4}$	13	1	14	0	14	3	15	2	15	3	16	4	17	5	18	6	19	1	
25	14	0	14	3	15	2	16	2	16	3	17	5	18	6	19	6	20	2	
25 $\frac{1}{4}$	14	1	15	0	15	3	16	3	16	4	17	5	18	6	19	7	20	3	

A TABLE OF SOLID MEASURE.

Feet		Inches Square.				Feet		Inches Square.				
long		10	10 $\frac{1}{2}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$	long		10	10 $\frac{1}{2}$	10 $\frac{1}{2}$	10 $\frac{1}{2}$	
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	
1	0	2	0	2	0	3	0	3	0	3	0	3
1 $\frac{1}{2}$	1	0	1	0	1	0	1	0	1	0	1	0
2	1	1	1	1	1	2	1	2	1	2	1	2
2 $\frac{1}{2}$	1	2	1	3	1	3	2	0	2	1	2	0
3	2	0	2	0	2	1	2	1	2	1	2	1
3 $\frac{1}{2}$	2	1	2	2	2	2	3	0	3	0	3	0
4	2	3	2	3	3	0	3	0	3	0	3	0
4 $\frac{1}{2}$	3	0	3	1	3	1	3	2	2	2	2	1
5	3	1	3	2	3	3	4	0	4	0	4	0
5 $\frac{1}{2}$	3	3	4	0	4	0	4	1	4	1	4	1
6	4	0	4	1	4	2	4	3	4	3	4	3
6 $\frac{1}{2}$	4	2	4	2	4	3	5	0	5	0	5	0
7	4	3	5	0	5	1	5	2	5	2	5	2
7 $\frac{1}{2}$	5	0	5	1	5	2	6	0	6	0	6	0
8	5	2	5	3	6	0	6	1	6	1	6	1
8 $\frac{1}{2}$	5	3	6	0	6	2	6	3	6	3	6	3
9	6	1	6	2	6	3	7	0	7	0	7	0
9 $\frac{1}{2}$	6	2	6	3	7	1	7	2	7	2	7	2
10	6	3	7	1	7	2	8	0	8	0	8	0
10 $\frac{1}{2}$	7	1	7	2	8	0	8	1	8	1	8	1
11	7	2	8	0	8	1	8	3	9	0	9	0
11 $\frac{1}{2}$	7	3	8	1	8	3	9	0	9	0	9	0
12	8	1	8	3	9	0	9	2	10	0	10	0
12 $\frac{1}{2}$	8	2	9	0	9	2	10	0	10	0	10	0
13	9	0	9	1	9	3	10	1	10	1	10	1
13 $\frac{1}{2}$	9	1	9	3	10	1	10	3	11	0	11	0
14	9	2	10	0	10	2	11	0	11	0	11	0
14 $\frac{1}{2}$	10	0	10	2	11	0	11	2	12	0	12	0
15	10	1	10	3	11	1	12	0	12	0	12	0
15 $\frac{1}{2}$	10	3	11	1	11	3	12	1	13	0	13	0
16	11	0	11	2	12	1	12	3	13	0	13	0
16 $\frac{1}{2}$	11	1	12	0	12	2	13	0	14	0	14	0
17	11	3	12	1	13	0	13	2	14	0	14	0
17 $\frac{1}{2}$	12	0	12	3	13	1	14	0	15	0	15	0
18	12	2	13	0	13	3	14	1	15	1	15	1
18 $\frac{1}{2}$	12	3	13	1	14	0	14	3	15	2	15	2
19	13	0	13	3	14	2	15	0	16	0	16	0
19 $\frac{1}{2}$	13	2	14	0	14	3	15	2	16	2	16	2
20	13	3	14	2	15	1	16	0	17	0	17	0
20 $\frac{1}{2}$	14	0	14	3	15	2	16	1	17	1	17	1
21	14	2	15	1	16	0	16	3	17	3	17	3
21 $\frac{1}{2}$	14	3	15	2	16	1	17	1	18	1	18	1
22	15	1	16	0	16	3	17	2	18	2	18	2
22 $\frac{1}{2}$	15	2	16	1	17	0	18	0	19	0	19	0
23	15	3	16	3	17	2	18	1	19	1	19	1
23 $\frac{1}{2}$	16	1	17	0	17	3	18	3	20	3	20	3
24	16	2	17	2	18	1	19	1	20	1	20	1
24 $\frac{1}{2}$	17	0	17	3	18	3	19	2	20	2	20	2
25	17	1	18	0	19	0	20	0	21	0	21	0
25 $\frac{1}{2}$	17	2	18	2	19	2	20	1	21	1	21	1

Feet		Inches Square.				Feet		Inches Square.			
ong	II	II $\frac{1}{2}$	II $\frac{1}{2}$	II $\frac{1}{2}$	long	II	II $\frac{1}{2}$	II $\frac{1}{2}$	II $\frac{1}{2}$		
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.		
1	0 3	0 3	0 3	0 3	26	21 3	22 3	23 3	24 3		
1 $\frac{1}{2}$	1 1	1 1	1 1	1 1	26 $\frac{1}{2}$	22 1	23 1	24 1	25 1		
2	1 2	1 3	1 3	1 3	27	22 2	23 2	24 2	25 3		
2 $\frac{1}{2}$	2 0	2 0	2 1	2 1	27 $\frac{1}{2}$	23 0	24 0	25 1	26 1		
3	2 2	2 2	2 3	2 3	28	23 3	24 2	25 0	26 3		
3 $\frac{1}{2}$	2 3	3 0	3 0	3 1	28 $\frac{1}{2}$	23 3	25 0	26 0	27 1		
4	3 1	3 2	3 2	3 3	29	24 1	25 1	26 2	27 3		
4 $\frac{1}{2}$	3 3	3 3	4 0	4 1	29 $\frac{1}{2}$	24 3	25 3	27 0	28 1		
5	4 0	4 1	4 2	4 3	30	25 0	26 1	27 2	28 3		
5 $\frac{1}{2}$	4 2	4 3	5 0	5 1	30 $\frac{1}{2}$	25 2	26 3	28 0	29 0		
6	5 0	5 1	5 2	5 3	31	26 0	27 0	28 1	29 2		
6 $\frac{1}{2}$	5 1	5 2	5 3	6 0	31 $\frac{1}{2}$	26 1	27 2	28 3	30 0		
7	5 3	6 0	6 1	6 2	32	26 3	28 0	29 1	30 2		
7 $\frac{1}{2}$	6 1	6 2	6 3	7 0	32 $\frac{1}{2}$	27 1	28 2	29 3	31 0		
8	6 2	7 0	7 1	7 2	33	27 2	29 0	30 1	31 2		
8 $\frac{1}{2}$	7 0	7 1	7 3	8 0	33 $\frac{1}{2}$	28 0	29 1	30 3	32 0		
9	7 2	7 3	8 1	8 2	34	28 2	29 3	31 2	33 0		
9 $\frac{1}{2}$	7 3	8 1	8 2	9 0	34 $\frac{1}{2}$	28 3	30 1	31 2	33 1		
10	8 1	8 3	9 0	9 2	35	29 1	30 3	32 0	33 2		
10 $\frac{1}{2}$	8 3	9 0	9 2	10 0	35 $\frac{1}{2}$	29 3	31 0	32 2	34 0		
11	9 0	9 2	10 0	10 2	36	30 1	31 2	33 0	34 2		
11 $\frac{1}{2}$	9 2	10 0	10 2	11 0	36 $\frac{1}{2}$	30 2	32 0	33 2	34 3		
12	10 0	10 2	11 0	11 2	37	31 0	32 2	33 3	35 1		
12 $\frac{1}{2}$	10 2	10 3	11 1	11 3	37 $\frac{1}{2}$	31 2	32 3	34 1	35 3		
13	10 3	11 1	11 3	12 1	38	31 3	33 1	34 3	36 1		
13 $\frac{1}{2}$	11 1	11 3	12 1	12 3	38 $\frac{1}{2}$	32 1	33 3	35 1	36 3		
14	11 3	12 1	12 3	13 1	39	32 3	34 1	35 3	37 1		
14 $\frac{1}{2}$	12 0	12 2	13 1	13 3	39 $\frac{1}{2}$	33 0	34 2	36 1	37 3		
15	12 2	13 0	13 3	14 1	40	33 1	35 0	36 2	38 1		
15 $\frac{1}{2}$	13 0	13 2	14 0	14 3	40 $\frac{1}{2}$	34 0	35 2	37 0	38 3		
16	13 1	14 0	14 2	15 1	41	34 1	36 0	37 2	39 1		
16 $\frac{1}{2}$	13 3	14 2	15 0	15 3	41 $\frac{1}{2}$	34 3	36 1	38 0	39 3		
17	14 1	14 3	15 2	16 1	42	35 1	36 3	38 2	40 1		
17 $\frac{1}{2}$	14 2	15 1	16 0	16 3	42 $\frac{1}{2}$	35 2	37 1	39 0	40 3		
18	15 0	15 3	16 2	17 1	43	36 0	37 3	39 3	41 0		
18 $\frac{1}{2}$	15 2	16 1	16 3	17 2	43 $\frac{1}{2}$	36 2	38 0	39 3	41 2		
19	15 3	16 2	17 1	18 0	44	36 3	38 2	40 1	42 0		
19 $\frac{1}{2}$	16 1	17 0	17 3	18 2	44 $\frac{1}{2}$	37 1	39 0	40 3	42 2		
20	16 3	17 2	18 1	19 0	45	37 3	39 2	41 1	43 0		
20 $\frac{1}{2}$	17 0	18 0	18 3	19 2	45 $\frac{1}{2}$	38 0	39 3	41 3	43 2		
21	17 2	18 1	19 1	20 0	46	38 2	40 1	42 0	44 0		
21 $\frac{1}{2}$	18 0	18 3	19 2	20 2	46 $\frac{1}{2}$	39 0	40 3	42 2	44 2		
22	18 1	19 1	20 0	21 0	47	39 1	41 1	43 0	45 0		
22 $\frac{1}{2}$	18 3	19 3	20 2	21 2	47 $\frac{1}{2}$	39 3	41 2	43 2	45 2		
23	19 1	20 0	21 0	22 0	48	40 1	42 0	44 0	46 0		
23 $\frac{1}{2}$	19 2	20 2	21 2	22 2	48 $\frac{1}{2}$	40 3	42 2	44 2	46 2		
24	20 0	21 0	22 0	23 0	49	41 0	43 0	44 3	46 3		
24 $\frac{1}{2}$	20 2	21 2	22 2	23 1	49 $\frac{1}{2}$	41 2	43 2	45 1	47 1		
25	21 0	21 3	22 3	23 3	50	42 0	43 3	45 3	47 3		
25 $\frac{1}{2}$	21 1	22 1	23 1	24 1							

A TABLE OF SOLID MEASURE.

25

Feet long	Inches Square.				Feet long	Inches Square.			
	12	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$		12	12 $\frac{1}{2}$	12 $\frac{1}{2}$	12 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	1 0	1 0	1 0	1 0	26	26 0	27 0	28 0	29 1
1 $\frac{1}{2}$	1 2	1 2	1 2	1 2	26 $\frac{1}{2}$	26 2	27 2	28 3	29 3
2	2 0	2 0	2 0	2 1	27	27 0	28 0	29 1	30 1
2 $\frac{1}{2}$	2 2	2 2	2 2	2 3	27 $\frac{1}{2}$	27 2	28 2	29 3	31 0
3	3 0	3 0	3 1	3 1	28	28 0	29 0	30 1	31 2
3 $\frac{1}{2}$	3 2	3 2	3 3	3 3	28 $\frac{1}{2}$	28 2	29 2	30 3	32 0
4	4 0	4 0	4 1	4 2	29	29 0	30 0	31 1	32 2
4 $\frac{1}{2}$	4 2	4 2	4 3	5 0	29 $\frac{1}{2}$	29 2	30 2	32 2	33 1
5	5 0	5 0	5 1	5 2	30	30 0	31 1	32 2	33 3
5 $\frac{1}{2}$	5 2	5 2	5 3	6 0	30 $\frac{1}{2}$	30 2	31 3	33 0	34 1
6	6 0	6 1	6 2	6 3	31	31 0	32 1	33 2	34 3
6 $\frac{1}{2}$	6 2	6 3	7 0	7 1	31 $\frac{1}{2}$	31 2	32 3	34 0	35 2
7	7 0	7 1	7 2	7 3	32	32 0	33 1	34 2	36 0
7 $\frac{1}{2}$	7 2	7 3	8 0	8 1	32 $\frac{1}{2}$	32 2	33 3	35 1	36 2
8	8 0	8 1	8 2	9 0	33	33 0	34 1	35 3	37 1
8 $\frac{1}{2}$	8 2	8 3	9 0	9 2	33 $\frac{1}{2}$	33 2	34 3	36 1	37 3
9	9 0	9 1	9 3	10 0	34	34 0	35 1	36 3	38 1
9 $\frac{1}{2}$	9 2	9 3	10 1	10 2	34 $\frac{1}{2}$	34 2	35 3	37 1	38 3
10	10 0	10 1	10 3	11 1	35	35 0	36 1	37 3	39 2
10 $\frac{1}{2}$	10 2	10 3	11 1	11 3	35 $\frac{1}{2}$	35 2	36 3	38 2	40 0
11	11 0	11 1	11 3	12 1	36	36 0	37 2	39 0	40 2
11 $\frac{1}{2}$	11 2	11 3	12 1	12 3	36 $\frac{1}{2}$	36 2	38 0	39 2	41 0
12	12 0	12 2	13 0	13 2	37	37 0	38 2	40 0	41 3
12 $\frac{1}{2}$	12 2	13 0	13 2	14 0	37 $\frac{1}{2}$	37 2	39 0	40 2	42 1
13	13 0	13 2	14 0	14 2	38	38 0	39 2	41 0	42 3
13 $\frac{1}{2}$	13 2	14 0	14 2	15 0	38 $\frac{1}{2}$	38 2	40 0	41 3	43 1
14	14 0	14 2	15 0	15 3	39	39 0	40 2	42 1	44 0
14 $\frac{1}{2}$	14 2	15 0	15 2	16 1	39 $\frac{1}{2}$	39 2	41 0	42 3	44 2
15	15 0	15 2	16 1	16 3	40	40 0	41 2	43 1	45 0
15 $\frac{1}{2}$	15 2	16 0	16 3	17 1	40 $\frac{1}{2}$	40 2	42 0	43 3	45 2
16	16 0	16 2	17 1	18 0	41	41 0	42 2	44 1	46 1
16 $\frac{1}{2}$	16 2	17 0	17 3	18 2	41 $\frac{1}{2}$	41 2	43 0	45 0	46 3
17	17 0	17 2	18 1	19 0	42	42 0	43 3	45 2	47 1
17 $\frac{1}{2}$	17 2	18 0	18 3	19 3	42 $\frac{1}{2}$	42 2	44 1	46 0	47 3
18	18 0	18 3	19 2	20 1	43	43 0	44 3	46 2	48 2
18 $\frac{1}{2}$	18 2	19 1	20 0	20 3	43 $\frac{1}{2}$	43 2	45 1	47 0	49 0
19	19 0	19 3	20 2	21 1	44	44 0	45 3	47 2	49 2
19 $\frac{1}{2}$	19 2	20 1	21 0	22 0	44 $\frac{1}{2}$	44 2	46 1	48 1	50 0
20	20 0	20 3	21 2	22 2	45	45 0	46 3	48 3	50 3
20 $\frac{1}{2}$	20 2	21 1	22 0	23 0	45 $\frac{1}{2}$	45 2	47 1	49 1	51 1
21	21 0	21 3	22 3	23 2	46	46 0	47 3	49 3	51 3
21 $\frac{1}{2}$	21 2	22 1	23 1	24 1	46 $\frac{1}{2}$	46 2	48 1	50 1	52 1
22	22 0	22 3	23 3	24 3	47	47 0	48 3	50 3	53 0
22 $\frac{1}{2}$	22 2	23 1	24 1	25 1	47 $\frac{1}{2}$	47 2	49 1	51 2	53 2
23	23 0	23 3	24 3	25 3	48	48 0	50 0	52 0	54 0
23 $\frac{1}{2}$	23 2	24 1	25 1	26 2	48 $\frac{1}{2}$	48 2	50 2	52 2	54 2
24	24 0	25 0	26 0	27 0	49	49 0	51 0	53 0	55 0
24 $\frac{1}{2}$	24 2	25 2	26 2	27 2	49 $\frac{1}{2}$	49 2	51 2	53 2	55 2
25	25 0	26 0	27 0	28 0	50	50 0	52 0	54 1	56 1
25 $\frac{1}{2}$	25 2	26 2	27 2	28 3					

Feet long	Inches Square.				Feet long	Inches Square.			
	13	13 $\frac{1}{2}$	13 $\frac{1}{2}$	13 $\frac{1}{2}$		13	13 $\frac{1}{2}$	13 $\frac{1}{2}$	13 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	1	0	1	0	1	1	0	1	0
1 $\frac{1}{2}$	1	3	1	3	1	3	1	3	1
2	2	1	2	1	2	2	2	2	2
2 $\frac{1}{2}$	2	3	3	0	3	0	3	3	1
3	3	0	3	3	3	3	3	3	3
3 $\frac{1}{2}$	4	4	4	1	4	1	4	4	2
4	4	4	4	3	5	0	5	1	1
4 $\frac{1}{2}$	5	1	5	1	5	2	5	3	3
5	5	3	6	0	6	1	6	2	2
5 $\frac{1}{2}$	6	1	6	2	6	3	7	0	0
6	7	0	7	1	7	2	7	3	3
6 $\frac{1}{2}$	7	2	7	3	8	0	8	2	2
7	8	0	8	2	8	3	9	0	0
7 $\frac{1}{2}$	8	3	9	0	9	1	9	3	3
8	9	1	9	3	10	0	10	2	2
8 $\frac{1}{2}$	9	3	10	1	10	3	11	0	0
9	10	2	10	3	11	1	11	3	3
9 $\frac{1}{2}$	11	0	11	2	12	0	12	1	1
10	11	2	12	0	12	2	13	0	0
10 $\frac{1}{2}$	12	1	12	3	13	1	13	3	3
11	12	3	13	1	13	3	14	1	1
11 $\frac{1}{2}$	13	1	14	0	14	2	15	0	0
12	14	0	14	2	15	0	15	3	3
12 $\frac{1}{2}$	14	2	15	0	15	3	16	1	1
13	15	1	15	3	16	1	17	0	0
13 $\frac{1}{2}$	15	3	16	1	17	0	17	2	2
14	16	1	17	0	17	2	18	1	1
14 $\frac{1}{2}$	17	0	17	2	18	1	19	0	0
15	17	2	18	1	18	3	19	2	2
15 $\frac{1}{2}$	18	0	18	3	19	2	20	1	1
16	18	3	19	2	20	1	21	0	0
16 $\frac{1}{2}$	19	1	20	0	20	3	21	2	2
17	19	3	20	2	21	2	22	1	1
17 $\frac{1}{2}$	20	2	21	1	22	0	22	3	3
18	21	0	21	3	22	3	23	2	2
18 $\frac{1}{2}$	21	2	22	2	23	1	24	1	1
19	22	1	23	0	24	0	24	3	3
19 $\frac{1}{2}$	22	3	23	3	24	2	25	2	2
20	23	1	24	1	25	1	26	1	1
20 $\frac{1}{2}$	24	0	24	3	25	3	26	3	3
21	24	2	25	2	26	2	27	2	2
21 $\frac{1}{2}$	25	0	26	0	27	0	28	0	0
22	25	3	26	3	27	3	28	3	3
22 $\frac{1}{2}$	26	1	27	1	28	1	29	2	2
23	26	3	28	0	29	0	30	0	0
23 $\frac{1}{2}$	27	2	28	2	29	2	30	3	3
24	28	0	29	1	30	1	31	2	2
24 $\frac{1}{2}$	28	3	29	3	31	0	32	0	0
25	29	1	30	1	31	2	32	3	3
25 $\frac{1}{2}$	29	3	31	0	32	1	33	1	1
26	30	2	31	2	32	3	34	0	0
26 $\frac{1}{2}$	31	0	32	1	33	2	34	3	3
27	31	2	32	3	34	0	35	1	1
27 $\frac{1}{2}$	32	1	33	2	34	3	36	0	0
28	32	3	34	0	35	1	36	3	3
28 $\frac{1}{2}$	33	1	34	2	36	0	37	1	1
29	34	0	35	1	36	2	38	0	0
29 $\frac{1}{2}$	34	2	35	3	37	1	38	2	2
30	35	0	36	2	37	3	39	1	1
30 $\frac{1}{2}$	35	3	37	0	38	2	40	0	0
31	36	1	37	3	39	0	40	2	2
31 $\frac{1}{2}$	36	3	38	1	39	3	41	1	1
32	37	2	39	0	40	2	42	0	0
32 $\frac{1}{2}$	38	0	39	2	41	0	42	2	2
33	38	2	40	0	41	3	43	1	1
33 $\frac{1}{2}$	39	1	40	3	42	1	43	3	3
34	39	3	41	1	43	3	44	2	2
34 $\frac{1}{2}$	40	1	42	0	44	2	45	1	1
35	41	0	42	2	44	1	45	3	3
35 $\frac{1}{2}$	41	2	43	1	45	3	46	2	2
36	42	1	43	3	46	2	47	1	1
36 $\frac{1}{2}$	42	3	44	2	46	0	47	3	3
37	43	1	45	0	47	1	48	2	2
37 $\frac{1}{2}$	44	0	45	2	47	3	49	1	1
38	44	2	46	1	48	0	49	3	3
38 $\frac{1}{2}$	45	0	46	3	48	2	50	2	2
39	45	3	47	2	49	1	51	1	1
39 $\frac{1}{2}$	46	1	48	0	49	3	51	3	3
40	46	3	48	3	50	2	52	2	2
40 $\frac{1}{2}$	47	2	49	1	51	1	53	0	0
41	48	0	49	3	51	3	53	3	3
41 $\frac{1}{2}$	48	2	50	2	52	2	54	1	1
42	49	1	51	0	53	0	55	0	0
42 $\frac{1}{2}$	49	3	51	3	53	3	55	3	3
43	50	1	52	1	54	1	56	1	1
43 $\frac{1}{2}$	51	0	53	0	55	0	57	0	0
44	51	2	53	2	55	2	57	3	3
44 $\frac{1}{2}$	52	0	54	1	56	1	58	1	1
45	52	3	54	3	56	3	59	0	0
45 $\frac{1}{2}$	53	1	55	1	57	2	59	2	2
46	53	3	56	0	58	0	60	1	1
46 $\frac{1}{2}$	54	2	56	2	58	3	61	0	0
47	55	0	57	1	59	1	61	2	2
47 $\frac{1}{2}$	55	2	57	3	60	0	62	1	1
48	56	1	58	2	60	3	63	0	0
48 $\frac{1}{2}$	56	3	59	0	61	1	63	2	2
49	57	2	59	2	62	0	64	1	1
49 $\frac{1}{2}$	58	0	60	1	62	2	64	3	3
50	58	2	60	3	63	1	65	2	2

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	14	14 $\frac{1}{2}$	14 $\frac{1}{2}$	14 $\frac{1}{2}$		14	14 $\frac{1}{2}$	14 $\frac{1}{2}$	14 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	1	1	1	1	26	35	1	36	2
1 $\frac{1}{2}$	2	0	2	0	26 $\frac{1}{2}$	36	0	37	1
2	2	2	2	3	27	36	3	38	0
2 $\frac{1}{2}$	3	1	3	2	27 $\frac{1}{2}$	37	1	38	3
3	4	0	4	0	28	38	0	39	1
3 $\frac{1}{2}$	4	3	4	3	28 $\frac{1}{2}$	38	3	40	0
4	5	1	5	2	29	39	1	40	3
4 $\frac{1}{2}$	6	0	6	1	29 $\frac{1}{2}$	40	0	41	2
5	6	3	7	0	30	40	3	42	1
5 $\frac{1}{2}$	7	1	7	3	30 $\frac{1}{2}$	41	2	43	0
6	8	0	8	1	31	42	0	43	3
6 $\frac{1}{2}$	8	3	9	0	31 $\frac{1}{2}$	42	3	44	2
7	9	2	9	3	32	43	2	45	1
7 $\frac{1}{2}$	10	0	10	2	32 $\frac{1}{2}$	44	0	46	0
8	10	3	11	1	33	44	3	47	3
8 $\frac{1}{2}$	11	2	11	3	33 $\frac{1}{2}$	45	2	48	2
9	12	1	12	2	34	46	1	49	1
9 $\frac{1}{2}$	12	3	13	1	34 $\frac{1}{2}$	46	3	50	0
10	13	2	14	0	35	47	2	51	3
10 $\frac{1}{2}$	14	1	14	3	35 $\frac{1}{2}$	48	1	52	2
11	14	3	15	2	36	49	0	53	1
11 $\frac{1}{2}$	15	2	16	0	36 $\frac{1}{2}$	49	2	54	0
12	16	1	16	3	37	50	1	55	3
12 $\frac{1}{2}$	17	0	17	2	37 $\frac{1}{2}$	51	0	56	2
13	17	2	18	1	38	51	2	57	1
13 $\frac{1}{2}$	18	1	19	0	38 $\frac{1}{2}$	52	1	58	0
14	19	0	19	2	39	53	0	59	3
14 $\frac{1}{2}$	19	2	20	1	39 $\frac{1}{2}$	53	3	60	2
15	20	1	21	0	40	54	1	61	1
15 $\frac{1}{2}$	21	0	21	3	40 $\frac{1}{2}$	55	0	62	0
16	21	3	22	2	41	55	3	63	3
16 $\frac{1}{2}$	22	1	23	1	41 $\frac{1}{2}$	56	1	64	2
17	23	0	23	3	42	57	0	65	1
17 $\frac{1}{2}$	23	3	24	2	42 $\frac{1}{2}$	57	3	66	0
18	24	2	25	1	43	58	2	67	3
18 $\frac{1}{2}$	25	0	26	0	43 $\frac{1}{2}$	59	0	68	2
19	25	3	26	3	44	59	3	69	1
19 $\frac{1}{2}$	26	2	27	1	44 $\frac{1}{2}$	60	2	70	0
20	27	0	28	0	45	61	1	71	3
20 $\frac{1}{2}$	27	3	28	3	45 $\frac{1}{2}$	61	3	72	2
21	28	2	29	2	46	62	2	73	1
21 $\frac{1}{2}$	29	1	30	1	46 $\frac{1}{2}$	63	1	74	0
22	29	3	31	1	47	63	3	75	3
22 $\frac{1}{2}$	30	2	31	2	47 $\frac{1}{2}$	64	2		
23	31	1	32	1	48	65	1		
23 $\frac{1}{2}$	31	3	33	0	48 $\frac{1}{2}$	66	0		
24	32	2	33	3	49	66	2		
24 $\frac{1}{2}$	33	1	34	2	49 $\frac{1}{2}$	67	1		
25	34	0	35	1	50	68	0		
25 $\frac{1}{2}$	34	2	35	3					

Feet		Inches Square.								Feet		Inches Square.									
long		15	15 $\frac{1}{4}$	15 $\frac{1}{2}$	15 $\frac{3}{4}$	long		15	15 $\frac{1}{4}$	15 $\frac{1}{2}$	15 $\frac{3}{4}$	long		15	15 $\frac{1}{4}$	15 $\frac{1}{2}$	15 $\frac{3}{4}$				
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.				
1	1	2	1	2	1	2	1	2	1	2	1	2	26	40	2	41	3	43	1	44	3
1 $\frac{1}{2}$	1	2	1	2	1	2	2	2	2	2	2	2	26 $\frac{1}{2}$	41	1	42	3	44	0	45	2
2	3	0	3	0	3	1	3	1	3	1	3	1	27	42	0	43	2	45	0	46	2
2 $\frac{1}{2}$	3	3	4	0	4	0	4	1	4	1	4	1	27 $\frac{1}{2}$	42	3	44	1	45	3	47	1
3	4	2	4	3	5	0	5	0	5	0	5	0	28	43	3	45	0	46	2	48	0
3 $\frac{1}{2}$	5	1	5	2	5	3	5	3	5	3	5	3	28 $\frac{1}{2}$	44	2	46	0	47	2	49	0
4	6	1	6	1	6	2	6	3	6	3	6	3	29	45	1	46	3	48	1	49	3
4 $\frac{1}{2}$	7	0	7	1	7	2	7	3	7	3	7	3	29 $\frac{1}{2}$	46	0	47	2	49	0	50	3
5	7	3	8	0	8	1	8	2	8	2	8	2	30	46	3	48	1	50	0	51	2
5 $\frac{1}{2}$	8	2	8	3	9	0	9	1	9	1	9	1	30 $\frac{1}{2}$	47	2	49	1	50	3	52	2
6	9	1	9	2	10	0	10	1	10	1	10	1	31	48	1	50	0	51	2	53	1
6 $\frac{1}{2}$	10	0	10	1	10	3	11	0	11	0	11	0	31 $\frac{1}{2}$	49	0	50	3	52	2	54	1
7	10	3	11	1	11	2	12	0	12	0	12	0	32	50	0	51	2	53	1	55	0
7 $\frac{1}{2}$	11	2	12	0	12	2	12	3	12	3	12	3	32 $\frac{1}{2}$	50	3	52	1	54	0	55	3
8	12	2	12	3	13	1	13	3	13	3	13	3	33	51	2	53	1	55	0	56	3
8 $\frac{1}{2}$	13	1	13	2	14	0	14	2	14	2	14	2	33 $\frac{1}{2}$	52	1	54	0	55	3	57	2
9	14	0	14	2	15	0	15	2	15	2	15	2	34	53	0	55	3	56	2	58	2
9 $\frac{1}{2}$	14	3	15	1	15	3	16	1	16	1	16	1	34 $\frac{1}{2}$	53	3	55	2	57	2	59	1
10	15	2	16	0	16	2	17	0	17	0	17	0	35	54	2	56	2	58	1	60	1
10 $\frac{1}{2}$	16	1	16	3	17	2	18	0	18	0	18	0	35 $\frac{1}{2}$	55	1	57	1	59	0	61	0
11	17	0	17	3	18	1	18	3	18	3	18	3	36	56	1	58	0	60	0	62	0
11 $\frac{1}{2}$	17	3	18	2	19	0	19	3	19	3	19	3	36 $\frac{1}{2}$	57	0	58	3	60	3	62	3
12	18	3	19	1	20	0	20	2	20	2	20	2	37	57	3	59	3	61	2	63	2
12 $\frac{1}{2}$	19	2	20	0	20	3	21	2	21	2	21	2	37 $\frac{1}{2}$	58	2	60	2	62	2	64	2
13	20	1	20	3	21	2	22	1	22	1	22	1	38	59	1	61	1	63	1	65	1
13 $\frac{1}{2}$	21	0	21	3	22	2	23	1	23	1	23	1	38 $\frac{1}{2}$	60	0	62	0	64	0	66	1
14	21	3	22	2	23	1	24	0	24	0	24	0	39	60	3	62	3	65	0	67	0
14 $\frac{1}{2}$	22	2	23	1	24	0	24	3	24	3	24	3	39 $\frac{1}{2}$	61	2	63	3	65	3	68	0
15	23	1	24	0	25	0	25	3	25	3	25	3	40	62	2	64	2	66	2	68	3
15 $\frac{1}{2}$	24	0	25	0	25	3	26	2	26	2	26	2	40 $\frac{1}{2}$	63	1	65	1	67	2	69	3
16	25	0	25	3	26	2	27	2	27	2	27	2	41	64	0	66	0	68	1	70	2
16 $\frac{1}{2}$	25	3	26	2	27	2	28	1	28	1	28	1	41 $\frac{1}{2}$	64	3	67	0	69	0	71	1
17	26	2	27	1	28	1	29	1	29	1	29	1	42	65	2	67	3	70	0	72	1
17 $\frac{1}{2}$	27	1	28	1	29	0	30	0	30	0	30	0	42 $\frac{1}{2}$	66	1	68	2	70	3	73	0
18	28	0	29	0	30	0	31	0	31	0	31	0	43	67	0	69	1	71	2	74	0
18 $\frac{1}{2}$	28	3	29	3	30	3	31	3	31	3	31	3	43 $\frac{1}{2}$	67	3	70	1	72	2	74	3
19	29	2	30	2	31	2	32	2	32	2	32	2	44	68	3	71	0	73	1	75	3
19 $\frac{1}{2}$	30	1	31	1	32	2	33	2	33	2	33	2	44 $\frac{1}{2}$	69	2	71	3	74	0	76	2
20	31	1	32	1	33	1	34	1	34	1	34	1	45	70	1	72	2	75	0	77	2
20 $\frac{1}{2}$	32	0	33	0	34	0	35	1	35	1	35	1	45 $\frac{1}{2}$	71	0	73	1	75	3	78	1
21	32	3	33	3	35	0	36	0	36	0	36	0	46	71	3	74	1	76	2	79	0
21 $\frac{1}{2}$	33	2	34	2	35	3	37	0	37	0	37	0	46 $\frac{1}{2}$	72	2	75	0	77	2	80	0
22	34	1	35	2	36	2	37	3	37	3	37	3	47	73	1	75	3	78	1	80	3
22 $\frac{1}{2}$	35	0	36	1	37	2	38	3	38	3	38	3	47 $\frac{1}{2}$	74	0	76	2	79	0	81	3
23	35	3	37	0	38	1	39	2	39	2	39	2	48	75	0	77	2	80	0	82	2
23 $\frac{1}{2}$	36	2	37	3	39	0	40	1	40	1	40	1	48 $\frac{1}{2}$	75	3	78	1	80	3	83	2
24	37	2	38	3	40	0	41	1	41	1	41	1	49	76	2	79	0	81	3	84	1
24 $\frac{1}{2}$	38	1	39	2	40	3	42	0	42	0	42	0	49 $\frac{1}{2}$	77	1	79	3	82	2	85	1
25	39	0	40	1	41	2	43	0	43	0	43	0	50	78	0	80	3	83	1	86	0
25 $\frac{1}{2}$	39	3	41	0	42	2	43	3	43	3	43	3									

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	16	16 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$		16	16 $\frac{1}{2}$	16 $\frac{1}{2}$	16 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	1 3	1 3	1 3	1 3	26	46 0	47 2	49 0	50 2
1 $\frac{1}{2}$	2 2	2 3	2 3	2 3	26 $\frac{1}{2}$	47 0	48 2	50 0	51 2
2	3 2	3 2	3 3	3 3	27	48 0	49 2	51 0	52 2
2 $\frac{1}{2}$	4 1	4 2	4 2	4 3	27 $\frac{1}{2}$	48 3	50 1	51 3	53 2
3	5 1	5 2	5 2	5 3	28	49 3	51 1	52 3	54 2
3 $\frac{1}{2}$	6 0	6 1	6 2	6 3	28 $\frac{1}{2}$	50 2	52 1	53 3	55 2
4	7 0	7 1	7 2	7 3	29	51 2	53 0	54 3	56 2
4 $\frac{1}{2}$	8 0	8 1	8 2	8 3	29 $\frac{1}{2}$	52 1	54 0	55 3	57 1
5	8 3	9 0	9 1	9 2	30	53 1	55 0	56 2	58 1
5 $\frac{1}{2}$	9 3	10 0	10 1	10 2	30 $\frac{1}{2}$	54 0	55 3	57 2	59 1
6	10 2	11 0	11 1	11 2	31	55 0	57 3	58 2	60 1
6 $\frac{1}{2}$	11 2	11 3	12 1	12 2	31 $\frac{1}{2}$	56 0	57 3	59 2	61 1
7	12 1	12 3	13 0	13 2	32	56 3	58 2	60 2	62 1
7 $\frac{1}{2}$	13 1	13 3	14 0	14 2	32 $\frac{1}{2}$	57 3	59 2	61 1	63 1
8	14 0	14 2	15 0	15 2	33	58 2	60 2	62 1	64 1
8 $\frac{1}{2}$	15 0	15 2	16 0	16 2	33 $\frac{1}{2}$	59 2	61 1	63 1	65 1
9	16 0	16 2	17 0	17 2	34	60 1	62 1	64 1	66 0
9 $\frac{1}{2}$	16 3	17 1	17 3	18 2	34 $\frac{1}{2}$	61 1	63 1	65 0	67 0
10	17 3	18 1	18 3	19 1	35	62 0	64 0	66 0	68 0
10 $\frac{1}{2}$	18 2	19 1	19 3	20 1	35 $\frac{1}{2}$	63 0	65 0	67 0	69 0
11	19 2	20 0	20 3	21 1	36	64 0	66 0	68 0	70 0
11 $\frac{1}{2}$	20 1	21 0	21 2	22 1	36 $\frac{1}{2}$	64 3	66 3	69 0	71 0
12	21 1	22 0	22 2	23 1	37	65 3	67 3	69 3	72 0
12 $\frac{1}{2}$	22 0	22 3	23 2	24 1	37 $\frac{1}{2}$	66 2	68 3	70 3	73 0
13	23 0	23 3	24 2	25 1	38	67 2	69 2	71 3	74 0
13 $\frac{1}{2}$	24 0	24 3	25 2	26 1	38 $\frac{1}{2}$	68 1	70 2	72 3	75 0
14	24 3	25 2	26 1	27 1	39	69 1	71 2	73 2	75 3
14 $\frac{1}{2}$	25 3	26 2	27 1	28 1	39 $\frac{1}{2}$	70 0	72 1	74 2	76 3
15	26 2	27 2	28 1	29 0	40	71 0	73 1	75 2	77 3
15 $\frac{1}{2}$	27 2	28 1	29 1	30 0	40 $\frac{1}{2}$	72 0	74 1	76 2	78 3
16	28 1	29 1	30 1	31 0	41	72 3	75 0	77 2	79 3
16 $\frac{1}{2}$	29 1	30 1	31 0	32 0	41 $\frac{1}{2}$	73 3	76 0	78 1	80 3
17	30 0	31 0	32 0	33 0	42	74 2	77 0	79 1	81 3
17 $\frac{1}{2}$	31 0	32 0	33 0	34 0	42 $\frac{1}{2}$	75 2	77 3	80 1	82 3
18	32 0	33 0	34 0	35 0	43	76 1	78 3	81 1	83 3
18 $\frac{1}{2}$	32 3	33 3	34 3	36 0	43 $\frac{1}{2}$	77 1	79 3	82 0	84 3
19	33 3	34 3	35 3	37 0	44	78 0	80 2	83 0	85 2
19 $\frac{1}{2}$	34 2	35 3	36 3	37 3	44 $\frac{1}{2}$	79 0	81 2	84 0	86 2
20	35 2	36 2	37 3	38 3	45	80 0	82 2	85 0	87 2
20 $\frac{1}{2}$	36 1	37 2	38 3	39 3	45 $\frac{1}{2}$	81 3	83 1	86 0	88 2
21	37 1	38 2	39 2	40 3	46	81 3	84 1	86 3	89 2
21 $\frac{1}{2}$	38 0	39 1	40 2	41 3	46 $\frac{1}{2}$	82 2	85 1	87 3	90 2
22	39 0	40 1	41 2	42 3	47	83 2	86 0	88 3	91 2
22 $\frac{1}{2}$	40 0	41 1	42 2	43 3	47 $\frac{1}{2}$	84 1	87 0	89 3	92 2
23	40 3	42 0	43 1	44 3	48	85 1	88 0	90 3	93 2
23 $\frac{1}{2}$	41 3	43 0	44 1	45 3	48 $\frac{1}{2}$	86 0	88 3	91 2	94 1
24	42 2	44 0	45 1	46 3	49	87 0	89 3	92 2	95 1
24 $\frac{1}{2}$	43 2	44 3	46 1	47 2	49 $\frac{1}{2}$	88 0	90 3	93 2	96 1
25	44 1	45 3	47 1	48 2	50	88 3	91 2	94 2	97 1
25 $\frac{1}{2}$	45 1	46 3	48 0	49 2					

Feet long	Inches Square.				Feet long	Inches Square.			
	17	17½	17½	17½		17	17½	17½	17½
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	2 0	2 0	2 0	2 0	26	52 0	53 2	55 1	56 3
1½	3 0	3 0	3 0	3 1	26½	53 0	54 3	56 1	57 3
2	4 0	4 0	4 1	4 1	27	54 0	55 3	57 1	59 0
2½	5 0	5 0	5 1	5 1	27½	55 0	56 3	58 1	60 0
3	6 0	6 0	6 1	6 2	28	56 0	57 3	59 2	61 1
3½	7 0	7 0	7 1	7 2	28½	57 0	58 3	60 2	62 1
4	8 0	8 1	8 2	8 3	29	58 0	59 3	61 2	63 1
4½	9 0	9 1	9 2	9 3	29½	59 0	60 3	62 2	64 2
5	10 0	10 1	10 2	10 3	30	60 0	61 3	63 3	65 2
5½	11 0	11 1	11 2	12 0	30½	61 0	63 0	64 3	66 2
6	12 0	12 1	12 3	13 0	31	62 0	64 0	65 3	67 3
6½	13 0	13 1	13 3	14 0	31½	63 0	65 0	66 3	68 3
7	14 0	14 1	14 3	15 1	32	64 0	66 0	68 0	70 0
7½	15 0	15 1	15 3	16 1	32½	65 0	67 0	69 0	71 0
8	16 0	16 2	17 0	17 2	33	66 0	68 0	70 0	72 0
8½	17 0	17 2	18 0	18 2	33½	67 0	69 0	71 0	73 1
9	18 0	18 2	19 0	19 2	34	68 0	70 1	72 1	74 1
9½	19 0	19 2	20 0	20 3	34½	69 0	71 1	73 1	75 1
10	20 0	20 2	21 1	21 3	35	70 0	72 1	74 1	76 2
10½	21 0	21 2	22 1	22 3	35½	71 0	73 1	75 1	77 2
11	22 0	22 2	23 1	24 0	36	72 1	74 1	76 2	78 3
11½	23 0	23 3	24 1	25 0	36½	73 1	75 1	77 2	79 3
12	24 0	24 3	25 2	26 1	37	74 1	76 1	78 2	80 3
12½	25 0	25 3	26 2	27 1	37½	75 1	77 1	79 3	82 0
13	26 0	26 3	27 2	28 1	38	76 1	78 2	80 3	83 0
13½	27 0	27 3	28 2	29 2	38½	77 1	79 2	81 3	84 0
14	28 0	28 3	29 3	30 2	39	78 1	80 2	82 3	85 1
14½	29 0	29 3	30 3	31 2	39½	79 1	81 2	84 0	86 1
15	30 0	30 3	31 3	32 3	40	80 1	82 2	85 0	87 2
15½	31 0	32 0	32 3	33 3	40½	81 1	83 2	86 0	88 2
16	32 0	33 0	34 0	35 0	41	82 1	84 2	87 0	89 2
16½	33 0	34 0	35 0	36 0	41½	83 1	85 3	88 1	90 3
17	34 0	35 0	36 0	37 0	42	84 1	86 3	89 1	91 3
17½	35 0	36 0	37 0	38 1	42½	85 1	87 3	90 1	92 3
18	36 0	37 0	38 1	39 1	43	86 1	88 3	91 1	94 0
18½	37 0	38 0	39 1	40 1	43½	87 1	89 3	92 2	95 0
19	38 0	39 1	40 1	41 2	44	88 1	90 3	93 2	96 1
19½	39 0	40 1	41 1	42 2	44½	89 1	91 3	94 2	97 1
20	40 0	41 1	42 2	43 3	45	90 1	92 3	95 2	98 1
20½	41 0	42 1	43 2	44 3	45½	91 1	94 0	96 3	99 2
21	42 0	43 1	44 2	45 3	46	92 1	95 0	97 3	100 2
21½	43 0	44 1	45 2	47 0	46½	93 1	96 0	98 3	101 2
22	44 0	45 1	46 3	48 0	47	94 1	97 0	99 3	102 3
22½	45 0	46 1	47 3	49 0	47½	95 1	98 0	101 2	103 3
23	46 0	47 2	48 3	50 1	48	96 1	99 0	102 0	105 0
23½	47 0	48 2	49 3	51 1	48½	97 1	100 0	103 0	106 0
24	48 0	49 2	51 0	52 2	49	98 1	101 1	104 0	107 0
24½	49 0	50 2	52 0	53 2	49½	99 1	102 1	105 1	108 1
25	50 0	51 2	53 0	54 2	50	100 1	103 1	106 1	109 1
25½	51 0	52 2	54 0	55 3					

A TABLE OF SOLID MEASURE.

31

Inches Square.					Inches Square.				
Feet	Inches Square.				Feet	Inches Square.			
long	18	18½	18¾	18¾	long	18	18½	18¾	18¾
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	2	1	2	1	2	1	2	1	2
1½	3	1	3	1	3	2	3	2	3
2	4	2	4	2	4	3	4	3	4
2½	5	2	5	3	5	3	6	0	3
3	6	3	6	3	7	0	7	1	8
3½	7	3	8	0	8	1	8	2	9
4	9	0	9	1	9	2	9	3	10
4½	10	0	10	1	10	2	10	3	11
5	11	1	11	2	11	3	12	0	12
5½	12	1	12	2	13	0	13	1	13
6	13	2	13	3	14	1	14	2	14
6½	14	2	15	0	15	1	15	3	15
7	15	3	16	0	16	2	17	0	16
7½	16	3	17	1	17	3	18	1	17
8	18	0	18	2	19	0	19	2	18
8½	19	0	19	2	20	0	20	3	19
9	20	1	20	3	21	1	21	3	20
9½	21	1	21	3	22	2	23	0	21
10	22	2	23	0	23	3	24	1	22
10½	23	2	24	1	24	3	25	2	23
11	24	3	25	1	26	0	26	3	24
11½	25	3	26	2	27	1	28	0	25
12	27	0	27	3	28	2	29	1	26
12½	28	0	28	3	29	2	30	2	27
13	29	1	30	0	30	3	31	2	28
13½	30	1	31	0	32	0	32	3	29
14	31	2	32	1	33	1	34	0	30
14½	32	2	33	2	34	1	35	1	31
15	33	3	34	2	35	2	36	2	32
15½	34	3	35	3	36	3	37	3	33
16	36	0	37	0	38	0	39	0	34
16½	37	0	38	0	39	0	40	1	35
17	38	1	39	1	40	1	41	2	36
17½	39	1	40	1	41	2	42	2	37
18	40	2	41	2	42	3	43	3	38
18½	41	2	42	3	43	3	44	0	39
19	42	3	43	3	45	0	46	1	40
19½	43	3	45	0	46	1	47	2	41
20	45	0	46	1	47	2	48	3	42
20½	46	0	47	1	48	2	50	0	43
21	47	1	48	2	49	3	51	1	44
21½	48	1	49	2	51	0	52	1	45
22	49	2	50	3	52	1	53	2	46
22½	50	2	52	0	53	1	54	3	47
23	51	3	53	0	54	2	56	0	48
23½	52	3	54	1	55	3	57	1	49
24	54	0	55	2	57	0	58	2	50
24½	55	0	56	2	58	0	59	3	51
25	56	1	57	3	59	1	61	0	52
25½	57	1	58	3	60	2	62	1	53
26	58	2	60	0	61	3	63	1	54
26½	59	2	61	1	62	3	64	2	55
27	60	3	62	1	63	0	65	3	56
27½	61	3	63	2	65	1	67	0	57
28	63	0	64	3	66	2	68	1	58
28½	64	0	65	3	67	2	69	2	59
29	65	1	67	0	68	3	70	3	60
29½	66	1	68	0	70	0	72	0	61
30	67	2	69	1	71	1	73	0	62
30½	68	2	70	2	72	1	74	1	63
31	69	3	71	2	73	2	75	2	64
31½	70	3	72	3	74	3	76	3	65
32	72	0	74	0	76	0	78	0	66
32½	73	0	75	0	77	0	79	1	67
33	74	1	76	1	78	1	80	2	68
33½	75	1	77	1	79	2	81	3	69
34	76	2	78	2	80	3	83	0	70
34½	77	2	79	3	81	3	84	0	71
35	78	3	80	3	83	0	85	1	72
35½	79	3	82	0	84	1	86	2	73
36	81	0	83	1	85	2	87	3	74
36½	82	0	84	1	86	3	89	0	75
37	83	1	85	2	87	3	90	1	76
37½	84	1	86	2	89	0	91	2	77
38	85	2	87	3	90	1	92	3	78
38½	86	2	89	0	91	2	93	3	79
39	87	3	90	0	92	2	95	0	80
39½	88	3	91	1	93	3	96	1	81
40	90	0	92	2	95	0	97	2	82
40½	91	0	93	2	96	1	98	3	83
41	92	1	94	3	97	1	100	0	84
41½	93	1	95	3	98	2	101	1	85
42	94	2	97	0	99	3	102	2	86
42½	95	2	98	1	101	0	103	3	87
43	96	3	99	1	102	0	104	3	88
43½	97	3	100	2	103	1	106	0	89
44	99	0	101	3	104	2	107	1	90
44½	100	0	102	3	105	3	108	2	91
45	101	1	104	0	106	3	109	3	92
45½	102	1	105	0	108	0	111	0	93
46	103	2	106	1	109	1	112	1	94
46½	104	2	107	2	110	2	113	2	95
47	105	3	108	2	111	2	114	2	96
47½	106	3	109	3	112	3	115	3	97
48	108	0	111	0	114	0	117	0	98
48½	109	0	112	0	115	1	118	1	99
49	110	1	113	1	116	1	119	2	100
49½	111	1	114	1	117	2	120	3	101
50	112	2	115	2	118	3	122	0	102

Feet long	Inches Square.				Feet long	Inches Square.			
	19	19 $\frac{1}{2}$	19 $\frac{1}{2}$	19 $\frac{1}{2}$		19	19 $\frac{1}{2}$	19 $\frac{1}{2}$	19 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	2	2	2	2	26	65	0	66	3
1 $\frac{1}{2}$	3	3	3	3	26 $\frac{1}{2}$	66	1	68	0
2	5	0	5	0	27	67	2	69	1
2 $\frac{1}{2}$	6	1	6	1	27 $\frac{1}{2}$	68	3	70	3
3	7	2	7	2	28	70	0	72	0
3 $\frac{1}{2}$	8	3	9	0	28 $\frac{1}{2}$	71	1	73	1
4	10	0	10	1	29	72	2	74	2
4 $\frac{1}{2}$	11	1	11	2	29 $\frac{1}{2}$	73	3	75	3
5	12	2	12	3	30	75	0	77	0
5 $\frac{1}{2}$	13	3	14	0	30 $\frac{1}{2}$	76	1	78	1
6	15	0	15	1	31	77	2	79	3
6 $\frac{1}{2}$	16	1	16	2	31 $\frac{1}{2}$	78	3	81	0
7	17	2	18	0	32	80	0	82	1
7 $\frac{1}{2}$	18	3	19	1	32 $\frac{1}{2}$	81	1	83	2
8	20	0	20	2	33	82	2	84	3
8 $\frac{1}{2}$	21	1	21	3	33 $\frac{1}{2}$	83	3	86	0
9	22	2	23	0	34	85	0	87	1
9 $\frac{1}{2}$	23	3	24	1	34 $\frac{1}{2}$	86	1	88	3
10	25	0	25	2	35	87	2	90	0
10 $\frac{1}{2}$	26	1	27	0	35 $\frac{1}{2}$	88	3	91	1
11	27	2	28	1	36	90	1	92	2
11 $\frac{1}{2}$	28	3	29	2	36 $\frac{1}{2}$	91	2	93	3
12	30	0	30	3	37	92	3	95	0
12 $\frac{1}{2}$	31	1	32	0	37 $\frac{1}{2}$	94	0	96	2
13	32	2	33	1	38	95	1	97	3
13 $\frac{1}{2}$	33	3	34	2	38 $\frac{1}{2}$	96	2	99	0
14	35	0	36	0	39	97	3	100	1
14 $\frac{1}{2}$	36	1	37	1	39 $\frac{1}{2}$	99	0	101	2
15	37	2	38	2	40	100	1	102	3
15 $\frac{1}{2}$	38	3	39	3	40 $\frac{1}{2}$	101	2	104	0
16	40	0	41	0	41	102	3	105	2
16 $\frac{1}{2}$	41	1	42	1	41 $\frac{1}{2}$	104	0	106	3
17	42	2	43	2	42	105	1	108	0
17 $\frac{1}{2}$	43	3	45	0	42 $\frac{1}{2}$	106	2	109	1
18	45	0	46	1	43	107	3	110	2
18 $\frac{1}{2}$	46	1	47	2	43 $\frac{1}{2}$	109	0	111	3
19	47	2	48	3	44	110	1	113	0
19 $\frac{1}{2}$	48	3	50	0	44 $\frac{1}{2}$	111	2	114	2
20	50	0	51	1	45	112	3	115	3
20 $\frac{1}{2}$	51	1	52	3	45 $\frac{1}{2}$	114	0	117	0
21	52	2	54	0	46	115	1	118	1
21 $\frac{1}{2}$	53	3	55	1	46 $\frac{1}{2}$	116	2	119	2
22	55	0	56	2	47	117	3	120	3
22 $\frac{1}{2}$	56	1	57	3	47 $\frac{1}{2}$	119	0	122	0
23	57	2	59	0	48	120	1	123	2
23 $\frac{1}{2}$	58	3	60	1	48 $\frac{1}{2}$	121	2	124	3
24	60	0	61	3	49	122	3	126	0
24 $\frac{1}{2}$	61	1	63	0	49 $\frac{1}{2}$	124	0	127	1
25	62	2	64	1	50	125	1	128	2
25 $\frac{1}{2}$	63	3	65	2					

A TABLE OF SOLID MEASURE.

33

Feet		Inches Square.								Feet		Inches Square.							
long		20		20½		20½		20¾		long		20		20¼		20½		20¾	
		F.	Q.	F.	Q.	F.	Q.	F.	Q.			F.	Q.	F.	Q.	F.	Q.	F.	Q.
1		2	3	2	3	2	3	2	3	26		72	0	74	0	75	3	77	2
1½		4	0	4	1	4	1	4	1	26½		73	2	75	1	77	1	79	0
2		5	2	5	2	5	3	5	3	27		75	0	76	3	78	3	80	2
2½		6	3	7	0	7	1	7	1	27½		76	1	78	1	80	1	82	0
3		8	1	8	2	8	3	8	3	28		77	3	79	2	81	2	83	2
3½		9	2	9	3	10	0	10	1	28½		79	0	81	0	83	0	85	0
4		11	0	11	1	11	2	11	3	29		80	2	82	2	84	2	86	2
4½		12	2	12	3	13	0	13	1	29½		81	3	84	0	86	0	88	0
5		13	3	14	0	14	2	14	3	30		83	1	85	1	87	2	89	2
5½		15	1	15	2	16	0	16	1	30½		84	2	86	3	89	0	91	0
6		16	2	17	0	17	2	17	3	31		86	0	88	1	90	1	92	2
6½		18	0	18	2	18	3	19	1	31½		87	2	89	2	91	3	94	0
7		19	1	19	3	20	1	20	3	32		88	3	91	0	93	1	95	2
7½		20	3	21	1	21	3	22	1	32½		90	1	92	2	94	3	97	0
8		22	0	22	3	23	1	23	3	33		91	2	93	3	96	1	98	2
8½		23	2	24	0	24	3	25	1	33½		93	0	95	1	97	3	100	0
9		25	0	25	2	26	1	26	3	34		94	1	96	3	99	0	101	2
9½		26	1	27	0	27	2	28	1	34½		95	3	98	0	100	2	103	0
10		27	3	28	1	29	0	29	3	35		97	0	99	2	102	0	104	2
10½		29	0	29	3	30	2	31	1	35½		98	2	101	0	103	2	106	0
11		30	2	31	1	32	0	32	3	36		100	0	102	2	105	0	107	2
11½		31	3	32	2	33	2	34	1	36½		101	1	103	3	106	2	109	0
12		33	1	34	0	35	0	35	3	37		102	3	105	1	107	3	110	2
12½		34	2	35	2	36	1	37	1	37½		104	0	106	3	109	1	112	0
13		36	0	37	0	37	3	38	3	38		105	2	108	0	110	3	113	2
13½		37	2	38	1	39	1	40	1	38½		106	3	109	2	112	1	115	0
14		38	3	39	3	40	3	41	3	39		108	1	111	0	113	3	116	2
14½		40	1	41	1	42	1	43	1	39½		109	2	112	1	115	1	118	0
15		41	2	42	2	43	3	44	3	40		111	0	113	3	116	2	119	2
15½		43	0	44	0	45	0	46	1	40½		112	2	115	1	118	0	121	0
16		44	1	45	2	46	2	47	3	41		113	3	116	3	119	2	122	2
16½		45	3	46	3	48	0	49	1	41½		115	1	118	0	121	0	124	0
17		47	0	48	1	49	2	50	3	42		116	2	119	2	122	2	125	2
17½		48	2	49	3	51	0	52	1	42½		118	0	121	0	124	0	127	0
18		50	0	51	1	52	2	53	3	43		119	1	122	1	125	1	128	2
18½		51	1	52	2	53	3	55	1	43½		120	3	123	3	126	3	130	0
19		52	3	54	0	55	1	56	3	44		122	0	125	1	128	1	131	2
19½		54	0	55	2	56	3	58	1	44½		123	2	126	2	129	3	133	0
20		55	2	56	3	58	1	59	3	45		125	0	128	0	131	1	134	2
20½		56	3	58	1	59	3	61	1	45½		126	1	129	2	132	3	136	0
21		58	1	59	3	61	1	62	3	46		127	3	130	3	134	0	137	2
21½		59	2	61	0	62	2	64	1	46½		129	0	132	1	135	2	139	0
22		61	0	62	2	64	0	65	3	47		130	2	133	3	137	0	140	2
22½		62	2	64	0	65	2	67	1	47½		131	3	135	1	138	2	142	0
23		63	3	65	1	67	0	68	3	48		133	1	136	2	140	0	143	2
23½		65	1	66	3	68	2	70	1	48½		134	2	138	0	141	2	145	0
24		66	2	68	1	70	0	71	3	49		136	0	139	2	143	0	146	2
24½		68	0	69	3	71	2	73	1	49½		137	2	140	3	144	1	148	0
25		69	1	71	0	72	3	74	3	50		138	3	142	1	145	3	149	2
25½		70	3	72	2	74	1	76	0										

Feet long	Inches Square.				Feet long	Inches Square.			
	21	21 $\frac{1}{4}$	21 $\frac{1}{2}$	21 $\frac{3}{4}$		21	21 $\frac{1}{4}$	21 $\frac{1}{2}$	21 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	3 0	3 0	3 0	3 1	26	79 2	81 2	83 1	85 1
1 $\frac{1}{2}$	4 2	4 2	4 3	4 3	26 $\frac{1}{2}$	81 0	83 0	85 0	87 0
2	6 0	6 1	6 1	6 2	27	82 2	84 2	86 2	88 2
2 $\frac{1}{2}$	7 2	7 3	8 0	8 0	27 $\frac{1}{2}$	84 0	86 0	88 1	90 1
3	9 0	9 1	9 2	9 3	28	85 3	87 3	89 3	91 3
3 $\frac{1}{2}$	10 2	10 3	11 0	11 1	28 $\frac{1}{2}$	87 1	89 1	91 1	93 2
4	12 1	12 2	12 3	13 0	29	88 3	90 3	93 0	95 1
4 $\frac{1}{2}$	13 3	14 0	14 1	14 3	29 $\frac{1}{2}$	90 1	92 2	94 2	96 3
5	15 1	15 2	16 0	16 1	30	91 3	94 0	96 1	98 2
5 $\frac{1}{2}$	16 3	17 0	17 2	18 0	30 $\frac{1}{2}$	93 1	95 2	97 3	100 0
6	18 1	18 3	19 1	19 2	31	94 3	97 0	99 2	101 3
6 $\frac{1}{2}$	19 3	20 1	20 3	21 1	31 $\frac{1}{2}$	96 1	98 3	101 0	103 1
7	21 1	21 3	22 1	22 3	32	98 0	100 1	102 2	105 0
7 $\frac{1}{2}$	22 3	23 2	24 0	24 2	32 $\frac{1}{2}$	99 2	101 3	104 1	106 3
8	24 2	25 0	25 2	26 1	33	101 0	103 1	105 3	108 1
8 $\frac{1}{2}$	26 0	26 2	27 1	27 3	33 $\frac{1}{2}$	102 2	105 0	107 2	110 0
9	27 2	28 0	28 3	29 2	34	104 0	106 2	109 0	111 2
9 $\frac{1}{2}$	29 0	29 3	30 1	31 0	34 $\frac{1}{2}$	105 2	108 0	110 2	113 1
10	30 2	31 1	32 0	32 3	35	107 0	109 3	112 1	114 3
10 $\frac{1}{2}$	32 0	32 3	33 2	34 1	35 $\frac{1}{2}$	108 2	111 1	113 3	116 2
11	33 2	34 1	35 1	36 0	36	110 1	112 3	115 2	118 1
11 $\frac{1}{2}$	35 0	36 0	36 3	37 3	36 $\frac{1}{2}$	111 3	114 1	117 0	119 3
12	36 3	37 2	38 2	39 1	37	113 1	116 0	118 3	121 2
12 $\frac{1}{2}$	38 1	39 0	40 0	41 0	37 $\frac{1}{2}$	114 3	117 2	120 1	123 0
13	39 3	40 3	41 2	42 2	38	116 1	119 0	121 3	124 3
13 $\frac{1}{2}$	41 1	42 1	43 1	44 1	38 $\frac{1}{2}$	117 3	120 2	123 2	126 1
14	42 3	43 3	44 3	45 3	39	119 1	122 1	125 0	128 0
14 $\frac{1}{2}$	44 1	45 1	46 2	47 2	39 $\frac{1}{2}$	120 3	123 3	126 3	129 3
15	45 3	47 0	48 0	49 1	40	122 2	125 1	128 1	131 1
15 $\frac{1}{2}$	47 1	48 2	49 3	50 3	40 $\frac{1}{2}$	124 0	127 0	130 0	133 0
16	49 0	50 0	51 1	52 2	41	125 2	128 2	131 2	134 2
16 $\frac{1}{2}$	50 2	51 2	52 3	54 0	41 $\frac{1}{2}$	127 0	130 0	133 0	136 1
17	52 0	53 1	54 2	55 3	42	128 2	131 2	134 3	137 3
17 $\frac{1}{2}$	53 2	54 3	56 0	57 1	42 $\frac{1}{2}$	130 0	133 1	136 1	139 2
18	55 0	56 1	57 3	59 0	43	131 2	134 3	138 0	141 1
18 $\frac{1}{2}$	56 2	58 0	59 1	60 3	43 $\frac{1}{2}$	133 0	136 1	139 2	142 3
19	58 0	59 2	60 3	62 1	44	134 3	137 3	141 0	144 2
19 $\frac{1}{2}$	59 2	61 0	62 2	64 0	44 $\frac{1}{2}$	136 1	139 2	142 3	146 0
20	61 1	62 2	64 0	65 2	45	137 3	141 0	144 1	147 3
20 $\frac{1}{2}$	62 3	64 1	65 3	67 1	45 $\frac{1}{2}$	139 1	142 2	146 0	149 1
21	64 1	65 3	67 1	68 3	46	140 3	144 0	147 2	151 0
21 $\frac{1}{2}$	65 3	67 1	69 0	70 2	46 $\frac{1}{2}$	142 1	145 3	149 1	152 3
22	67 1	68 3	70 2	72 1	47	143 3	147 1	150 3	154 1
22 $\frac{1}{2}$	68 3	70 2	72 0	73 3	47 $\frac{1}{2}$	145 1	148 3	152 1	156 0
23	70 1	72 0	73 3	75 2	48	147 0	150 2	154 0	157 2
23 $\frac{1}{2}$	71 3	73 2	75 1	77 0	48 $\frac{1}{2}$	148 2	152 0	155 2	159 1
24	73 2	75 1	77 0	78 3	49	150 0	153 2	157 1	160 3
24 $\frac{1}{2}$	75 0	76 3	78 2	80 1	49 $\frac{1}{2}$	151 2	155 0	158 3	162 2
25	76 2	78 1	80 1	82 0	50	153 0	156 3	160 2	164 1
25 $\frac{1}{2}$	78 0	79 3	81 3	83 3					

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	22	22 $\frac{1}{2}$	22 $\frac{1}{2}$	22 $\frac{1}{2}$		22	22 $\frac{1}{2}$	22 $\frac{1}{2}$	22 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	3 1	3 1	3 2	3 2	26	87 1	89 1	91 1	93 1
1 $\frac{1}{2}$	5 0	5 0	5 1	5 1	26 $\frac{1}{2}$	89 0	91 0	93 0	95 0
2	6 2	6 3	7 0	7 0	27	90 3	92 3	94 3	97 0
2 $\frac{1}{2}$	8 1	8 2	8 3	8 3	27 $\frac{1}{2}$	92 1	94 2	96 2	98 3
3	10 0	10 1	10 2	10 3	28	94 0	96 1	98 1	100 2
3 $\frac{1}{2}$	11 3	12 0	12 1	12 2	28 $\frac{1}{2}$	95 3	97 3	100 0	102 1
4	13 1	13 3	14 0	14 1	29	97 1	99 2	101 3	104 0
4 $\frac{1}{2}$	15 0	15 1	15 3	16 0	29 $\frac{1}{2}$	99 0	101 1	103 2	106 0
5	16 3	17 0	17 2	17 3	30	100 3	103 0	105 1	107 3
5 $\frac{1}{2}$	18 1	18 3	19 1	19 3	30 $\frac{1}{2}$	102 2	104 3	107 0	109 2
6	20 0	20 2	21 0	21 2	31	104 0	106 2	108 3	111 1
6 $\frac{1}{2}$	21 3	22 1	22 3	23 1	31 $\frac{1}{2}$	105 3	108 1	110 2	113 0
7	23 2	24 0	24 2	25 0	32	107 2	110 0	112 2	115 0
7 $\frac{1}{2}$	25 0	25 3	26 1	26 3	32 $\frac{1}{2}$	109 1	111 2	114 1	116 3
8	26 3	27 2	28 0	28 3	33	110 3	113 1	116 0	118 2
8 $\frac{1}{2}$	28 2	29 0	29 3	30 2	33 $\frac{1}{2}$	112 2	115 0	117 3	120 1
9	30 1	30 3	31 2	32 1	34	114 1	116 3	119 2	122 0
9 $\frac{1}{2}$	31 3	32 2	33 1	34 0	34 $\frac{1}{2}$	115 3	118 2	121 1	123 3
10	33 2	34 1	35 0	35 3	35	117 2	120 1	123 0	125 3
10 $\frac{1}{2}$	35 1	36 0	37 3	37 2	35 $\frac{1}{2}$	119 1	122 0	124 3	127 2
11	36 3	37 3	38 2	39 2	36	121 0	123 3	126 2	129 1
11 $\frac{1}{2}$	38 2	39 2	40 1	41 1	36 $\frac{1}{2}$	122 2	125 1	128 1	131 0
12	40 1	41 1	42 0	43 0	37	124 1	127 0	130 0	132 3
12 $\frac{1}{2}$	42 0	42 3	43 3	44 3	37 $\frac{1}{2}$	126 0	128 3	131 3	134 2
13	43 2	44 2	45 2	46 2	38	127 2	130 2	133 2	136 2
13 $\frac{1}{2}$	45 1	46 1	47 1	48 2	38 $\frac{1}{2}$	129 1	132 1	135 1	138 1
14	47 0	48 0	49 0	50 1	39	131 0	134 0	137 0	140 0
14 $\frac{1}{2}$	48 2	49 3	50 3	52 0	39 $\frac{1}{2}$	132 3	135 2	138 3	141 3
15	50 1	51 2	52 2	53 3	40	134 1	137 2	140 2	143 3
15 $\frac{1}{2}$	52 0	53 1	54 1	55 2	40 $\frac{1}{2}$	136 0	139 0	142 1	145 2
16	53 3	55 0	56 1	57 2	41	137 3	140 3	144 0	147 1
16 $\frac{1}{2}$	55 1	56 2	58 0	59 1	41 $\frac{1}{2}$	139 1	142 2	145 3	149 0
17	57 0	58 1	59 3	61 0	42	141 0	144 1	147 2	150 3
17 $\frac{1}{2}$	58 3	60 0	61 2	62 3	42 $\frac{1}{2}$	142 3	146 0	149 1	152 2
18	60 2	61 3	63 1	64 2	43	144 2	147 3	151 0	154 2
18 $\frac{1}{2}$	62 0	63 2	65 0	66 1	43 $\frac{1}{2}$	146 0	149 2	152 3	156 1
19	63 3	65 1	66 3	68 1	44	147 3	151 1	154 2	158 0
19 $\frac{1}{2}$	65 2	67 0	68 2	70 0	44 $\frac{1}{2}$	149 2	152 3	156 1	159 3
20	67 0	68 3	70 1	71 3	45	151 1	154 2	158 0	161 2
20 $\frac{1}{2}$	68 3	70 1	72 0	73 2	45 $\frac{1}{2}$	152 3	156 1	159 3	163 2
21	70 2	72 0	73 3	75 1	46	154 2	158 0	161 2	165 1
21 $\frac{1}{2}$	72 1	73 3	75 2	77 1	46 $\frac{1}{2}$	156 1	159 3	163 1	167 0
22	73 3	75 2	77 1	79 0	47	157 3	161 2	165 0	168 3
22 $\frac{1}{2}$	75 2	77 1	79 0	80 3	47 $\frac{1}{2}$	159 2	163 1	166 3	170 2
23	77 1	79 0	80 3	82 2	48	161 1	165 0	168 3	172 2
23 $\frac{1}{2}$	78 3	80 3	82 2	84 1	48 $\frac{1}{2}$	163 0	166 2	170 2	174 1
24	80 2	82 2	84 1	86 1	49	164 2	168 1	172 1	176 0
24 $\frac{1}{2}$	82 1	84 0	86 0	88 0	49 $\frac{1}{2}$	166 1	170 0	174 0	177 3
25	84 0	85 3	87 3	89 3	50	168 0	171 3	175 3	179 2
25 $\frac{1}{2}$	85 2	87 2	89 2	91 2					

Feet long	Inches Square.				Feet long	Inches Square.			
	23	23½	23¾	23½		23	23½	23¾	23½
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	3	2	3	3	3	3	3	3	3
1½	5	2	5	2	5	3	5	3	
2	7	1	7	2	7	2	7	3	
2½	9	0	9	1	9	2	9	3	
3	11	0	11	1	11	2	11	3	
3½	12	3	13	0	13	1	13	2	
4	14	2	15	0	15	1	15	2	
4½	16	2	16	3	17	1	17	2	
5	18	1	18	3	19	0	19	2	
5½	20	0	20	2	21	0	21	2	
6	22	0	22	2	23	0	23	2	
6½	23	3	24	1	24	3	25	1	
7	25	2	26	1	26	3	27	1	
7½	27	2	28	0	28	3	29	1	
8	29	1	30	0	30	2	31	1	
8½	31	0	31	3	32	2	33	1	
9	33	0	33	3	34	2	35	1	
9½	34	3	35	2	36	1	37	0	
10	36	2	37	2	38	1	39	0	
10½	38	2	39	1	40	1	41	0	
11	40	1	41	1	42	0	43	0	
11½	42	0	43	0	44	0	45	0	
12	44	0	45	0	46	0	47	0	
12½	45	3	46	3	47	3	48	3	
13	47	3	48	3	49	3	50	3	
13½	49	2	50	2	51	3	52	3	
14	51	1	52	2	53	2	54	3	
14½	53	1	54	1	55	2	56	3	
15	55	0	56	1	57	2	58	3	
15½	56	3	58	0	59	1	60	2	
16	58	3	60	0	61	1	62	2	
16½	60	2	61	3	63	1	64	2	
17	62	1	63	3	65	0	66	2	
17½	64	1	65	2	67	0	68	2	
18	66	0	67	2	69	0	70	2	
18½	67	3	69	1	70	3	72	1	
19	69	3	71	1	72	3	74	1	
19½	71	2	73	0	74	3	76	1	
20	73	1	75	0	76	2	78	1	
20½	75	1	76	3	78	2	80	1	
21	77	0	78	3	80	2	82	1	
21½	78	3	80	2	82	1	84	0	
22	80	3	82	2	84	1	86	0	
22½	82	2	84	1	86	1	88	0	
23	84	1	86	1	88	0	90	0	
23½	86	1	88	0	90	0	92	0	
24	88	0	90	0	92	0	94	0	
24½	90	0	91	3	93	3	95	3	
25	91	3	93	3	95	3	97	3	
25½	93	2	95	2	97	3	99	3	
26	95	2	97	2	99	2	101	3	
26½	97	1	99	1	101	2	103	3	
27	99	0	101	1	103	2	105	3	
27½	101	0	103	0	105	1	107	2	
28	102	3	105	0	107	1	109	2	
28½	104	2	106	3	109	1	111	2	
29	106	2	108	3	111	0	113	2	
29½	108	1	110	2	113	0	115	2	
30	110	0	112	2	115	0	117	2	
30½	112	0	114	1	116	3	119	1	
31	113	3	116	1	118	3	121	1	
31½	115	2	118	0	120	3	123	1	
32	117	2	120	0	122	2	125	1	
32½	119	1	122	0	124	2	127	1	
33	121	0	123	3	126	2	129	1	
33½	122	0	125	3	128	1	131	0	
34	124	3	127	2	130	1	133	0	
34½	126	2	129	2	132	1	135	0	
35	128	2	131	1	134	0	137	0	
35½	130	1	132	1	136	0	139	0	
36	132	1	135	0	138	0	141	0	
36½	134	0	137	0	139	3	142	3	
37	135	3	138	3	141	3	144	3	
37½	137	3	140	3	143	3	146	3	
38	139	2	142	2	145	2	148	3	
38½	141	1	144	2	147	2	150	3	
39	143	1	146	1	149	2	152	3	
39½	145	0	148	1	151	1	154	2	
40	146	3	150	0	153	1	156	2	
40½	148	3	152	0	155	1	158	2	
41	150	2	153	3	157	0	160	2	
41½	152	1	155	3	159	0	162	0	
42	154	1	157	2	161	0	164	2	
42½	156	0	159	2	162	3	166	1	
43	157	3	161	1	164	3	168	1	
43½	159	3	163	1	166	3	170	1	
44	161	2	165	0	168	2	172	1	
44½	163	1	167	0	170	2	174	1	
45	165	1	168	3	172	2	176	1	
45½	167	0	170	3	174	1	178	0	
46	168	3	172	2	176	1	180	0	
46½	170	3	174	2	178	1	182	0	
47	172	2	176	1	180	0	184	0	
47½	174	1	178	1	182	0	186	0	
48	176	1	180	0	184	0	188	0	
48½	178	0	182	0	186	0	189	3	
49	180	0	183	3	187	3	191	3	
49½	181	3	185	3	189	3	193	3	
50	183	2	187	2	191	3	195	3	

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square			
	24	24½	24½	24½		24	24½	24½	24½
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	4 0	4 0	4 0	4 1	26	104 0	106 0	108 1	110 2
1½	6 0	6 0	6 1	6 1	26½	106 0	108 0	110 1	112 2
2	8 0	8 0	8 1	8 2	27	108 0	110 1	112 2	114 3
2½	10 0	10 0	10 1	10 2	27½	110 0	112 1	112 2	116 3
3	12 0	12 1	12 2	12 3	28	112 0	114 1	116 2	119 0
3½	14 0	14 1	14 2	14 3	28½	114 0	116 1	118 3	121 0
4	16 0	16 1	16 2	17 0	29	116 0	118 1	120 3	123 1
4½	18 0	18 1	18 3	19 0	29½	118 0	120 1	122 3	125 1
5	20 0	20 1	20 3	21 1	30	120 0	122 2	125 0	127 2
5½	22 0	22 1	22 3	23 1	30½	122 0	124 2	127 0	129 2
6	24 0	24 2	25 0	25 2	31	124 0	126 2	129 0	131 3
6½	26 0	26 2	27 0	27 2	31½	126 0	128 2	131 1	133 3
7	28 0	28 2	29 0	29 3	32	128 0	130 2	133 1	136 0
7½	30 0	30 2	31 1	31 3	32½	130 0	132 2	135 1	138 1
8	32 0	32 2	33 1	34 0	33	132 0	134 3	137 2	140 1
8½	34 0	34 2	35 1	36 0	33½	134 0	136 3	139 2	142 2
9	36 0	36 3	37 2	38 1	34	136 0	138 3	141 2	144 2
9½	38 0	38 3	39 2	40 1	34½	138 0	140 3	143 3	146 3
10	40 0	40 3	41 2	42 2	35	140 0	142 3	145 3	148 3
10½	42 0	42 3	43 3	44 2	35½	142 0	144 3	147 3	151 0
11	44 0	44 3	45 3	46 3	36	144 0	147 0	150 0	153 0
11½	46 0	46 3	47 3	48 3	36½	146 0	149 0	152 0	155 1
12	48 0	49 0	50 0	51 0	37	148 0	151 0	154 0	157 1
12½	50 0	51 0	52 0	53 0	37½	150 0	153 0	156 1	159 2
13	52 0	53 0	54 0	55 1	38	152 0	155 0	158 1	161 2
13½	54 0	55 0	56 1	57 1	38½	154 0	157 0	160 1	163 3
14	56 0	57 0	58 1	59 2	39	156 0	159 1	162 2	165 3
14½	58 0	59 0	60 1	61 2	39½	158 0	161 1	164 2	168 0
15	60 0	61 1	62 2	63 3	40	160 0	163 1	166 2	170 0
15½	62 0	63 1	64 2	65 3	40½	162 0	165 1	168 3	172 1
16	64 0	65 1	66 2	68 0	41	164 0	167 1	170 3	174 1
16½	66 0	67 1	68 3	70 0	41½	166 0	169 1	172 3	176 2
17	68 0	69 1	70 3	72 1	42	168 0	171 2	175 0	178 2
17½	70 0	71 1	72 3	74 1	42½	170 0	173 2	177 0	180 3
18	72 0	73 2	75 0	76 2	43	172 0	175 2	179 0	182 3
18½	74 0	75 2	77 0	78 2	43½	174 0	177 2	181 1	185 0
19	76 0	77 2	79 0	80 3	44	176 0	179 2	183 1	187 0
19½	78 0	79 2	81 1	82 3	44½	178 0	181 2	185 1	189 1
20	80 0	81 2	83 1	85 0	45	180 0	183 3	187 2	191 1
20½	82 0	83 2	85 1	87 0	45½	182 0	185 3	189 2	193 2
21	84 0	85 3	87 2	89 1	46	184 0	187 3	191 2	195 2
21½	86 0	87 3	89 2	91 1	46½	186 0	189 3	193 3	197 3
22	88 0	89 3	91 2	93 2	47	188 0	191 3	195 3	199 3
22½	90 0	91 3	93 3	95 2	47½	90 0	193 3	197 3	202 0
23	92 0	93 3	95 3	97 3	48	192 0	196 2	200 0	204 0
23½	94 0	95 3	97 3	99 3	48½	194 0	198 0	202 0	206 1
24	96 0	98 0	100 0	102 0	49	196 0	200 0	204 0	208 1
24½	98 0	100 0	102 0	104 0	49½	198 0	202 0	206 1	210 2
25	100 0	102 0	104 0	106 1	50	200 0	204 0	208 1	212 2
25½	102 0	104 0	106 1	108 1					

Feet long	Inches Square.				Feet long	Inches Square.			
	25 F. Q.	25 $\frac{1}{4}$ F. Q.	25 $\frac{1}{2}$ F. Q.	25 $\frac{3}{4}$ F. Q.		25 F. Q.	25 $\frac{1}{4}$ F. Q.	25 $\frac{1}{2}$ F. Q.	25 $\frac{3}{4}$ F. Q.
1	4 1	4 1	4 2	4 2	26	112 3	115 0	117 1	119 2
1 $\frac{1}{2}$	6 2	6 2	6 3	6 3	26 $\frac{1}{2}$	115 0	117 1	119 2	122 0
2	8 2	8 3	9 0	9 0	27	117 0	119 2	121 3	124 1
2 $\frac{1}{2}$	10 3	11 0	11 1	11 2	27 $\frac{1}{2}$	119 1	121 3	124 0	126 2
3	13 0	13 1	13 2	13 3	28	121 2	123 3	126 1	128 3
3 $\frac{1}{2}$	15 0	15 1	15 3	16 0	28 $\frac{1}{2}$	123 2	126 0	128 2	131 0
4	17 1	17 2	18 0	18 1	29	125 3	128 1	130 3	133 2
4 $\frac{1}{2}$	19 2	19 3	20 1	20 2	29 $\frac{1}{2}$	128 0	130 2	133 0	135 3
5	21 2	22 0	22 2	23 0	30	130 0	132 3	135 1	138 0
5 $\frac{1}{2}$	23 3	24 1	24 3	25 1	30 $\frac{1}{2}$	132 1	135 0	137 2	140 1
6	26 0	26 2	27 0	27 2	31	134 2	137 1	139 3	142 2
6 $\frac{1}{2}$	28 0	28 3	29 1	29 3	31 $\frac{1}{2}$	136 2	139 1	142 0	145 0
7	30 1	30 3	31 2	32 0	32	138 3	141 2	144 2	147 1
7 $\frac{1}{2}$	32 2	33 0	33 3	34 2	32 $\frac{1}{2}$	141 0	143 3	146 3	149 2
8	34 2	35 1	36 0	36 3	33	143 0	146 0	149 0	151 3
8 $\frac{1}{2}$	36 3	37 2	38 1	39 0	33 $\frac{1}{2}$	145 1	148 1	151 1	154 1
9	39 0	39 3	40 2	41 1	34	147 2	150 2	153 2	156 2
9 $\frac{1}{2}$	41 0	42 0	42 3	43 2	34 $\frac{1}{2}$	149 2	152 2	155 3	158 3
10	43 1	44 1	45 0	46 0	35	151 3	154 3	158 0	161 0
10 $\frac{1}{2}$	45 2	46 1	47 1	48 1	35 $\frac{1}{2}$	154 0	157 0	160 1	163 1
11	47 2	48 2	49 2	50 2	36	156 1	159 1	162 2	165 3
11 $\frac{1}{2}$	49 3	50 3	51 3	52 3	36 $\frac{1}{2}$	158 1	161 2	164 3	168 0
12	52 0	53 0	54 0	55 1	37	160 2	163 3	167 0	170 1
12 $\frac{1}{2}$	54 1	55 1	56 1	57 2	37 $\frac{1}{2}$	162 3	166 0	169 1	172 2
13	56 1	57 2	58 2	59 3	38	164 3	168 0	171 2	174 3
13 $\frac{1}{2}$	58 2	59 3	60 3	62 0	38 $\frac{1}{2}$	167 0	170 1	173 3	177 1
14	60 3	61 3	63 0	64 1	39	169 1	172 2	176 0	179 2
14 $\frac{1}{2}$	62 3	64 0	65 1	63 3	39 $\frac{1}{2}$	171 1	174 3	178 1	181 3
15	65 0	66 1	67 2	69 0	40	173 2	177 0	180 2	184 0
15 $\frac{1}{2}$	67 1	68 2	69 3	71 1					
16	69 1	70 3	72 1	73 2					
16 $\frac{1}{2}$	71 2	73 0	74 2	75 3					
17	73 3	75 1	76 3	78 1					
17 $\frac{1}{2}$	75 3	77 1	79 0	80 2					
18	78 0	79 2	81 1	82 3					
18 $\frac{1}{2}$	80 1	81 3	83 2	85 0					
19	82 1	84 0	85 3	87 1					
19 $\frac{1}{2}$	84 2	86 1	88 0	89 3					
20	86 3	88 2	90 1	92 0					
20 $\frac{1}{2}$	88 3	90 3	92 2	94 1					
21	91 0	92 3	94 3	96 2					
21 $\frac{1}{2}$	93 1	95 0	97 0	99 0					
22	95 1	97 1	99 1	101 1					
22 $\frac{1}{2}$	97 2	99 2	101 2	103 2					
23	99 3	101 3	103 3	105 3					
23 $\frac{1}{2}$	101 3	104 0	106 0	108 0					
24	104 0	106 1	108 1	110 2					
24 $\frac{1}{2}$	106 1	108 1	110 2	112 3					
25	108 2	110 2	112 3	115 0					
25 $\frac{1}{2}$	110 2	112 3	115 0	117 1					

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	26	26 $\frac{1}{2}$	26 $\frac{1}{2}$	26 $\frac{1}{2}$		26	26 $\frac{1}{2}$	26 $\frac{1}{2}$	26 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	4 2	4 3	4 3	4 3	26	122 0	124 1	126 3	129 0
1 $\frac{1}{2}$	7 0	7 0	7 1	7 1	26 $\frac{1}{2}$	124 1	126 3	129 0	131 2
2	9 1	9 2	9 3	9 3	27	126 3	129 0	131 2	134 0
2 $\frac{1}{2}$	11 2	11 3	12 0	12 1	27 $\frac{1}{2}$	129 0	131 2	134 0	136 2
3	14 0	14 1	14 2	14 3	28	131 1	133 3	136 2	139 0
3 $\frac{1}{2}$	16 1	16 2	17 0	17 1	28 $\frac{1}{2}$	133 3	136 1	138 3	141 2
4	18 3	19 0	19 2	19 3	29	136 0	138 3	141 1	144 0
4 $\frac{1}{2}$	21 0	21 2	21 3	22 1	29 $\frac{1}{2}$	138 1	141 0	143 3	146 2
5	23 1	23 3	24 1	24 3	30	140 3	143 2	146 1	149 0
5 $\frac{1}{2}$	25 3	26 1	26 3	27 1	30 $\frac{1}{2}$	143 0	145 3	148 2	151 2
6	28 0	28 2	29 1	29 3	31	145 2	148 1	151 0	154 0
6 $\frac{1}{2}$	30 2	31 0	31 2	32 1	31 $\frac{1}{2}$	147 3	150 2	153 2	156 2
7	32 3	33 1	34 0	34 3	32	150 0	153 0	156 0	159 0
7 $\frac{1}{2}$	35 0	35 3	36 2	37 1	32 $\frac{1}{2}$	152 2	155 2	158 1	161 1
8	37 2	38 1	39 0	39 3	33	154 3	157 3	160 3	163 3
8 $\frac{1}{2}$	39 3	40 2	41 1	42 0	33 $\frac{1}{2}$	157 1	160 1	163 1	166 1
9	42 1	43 0	43 3	44 2	34	159 2	162 2	165 3	168 3
9 $\frac{1}{2}$	44 2	45 1	46 1	47 0	34 $\frac{1}{2}$	161 3	165 0	168 0	171 1
10	46 3	47 3	48 3	49 2	35	164 1	167 1	170 2	173 3
10 $\frac{1}{2}$	49 0	50 0	51 0	52 0	35 $\frac{1}{2}$	166 2	169 3	173 0	176 1
11	51 2	52 2	53 2	54 2	36	169 0	172 1	175 2	178 3
11 $\frac{1}{2}$	53 3	55 0	56 0	57 0	36 $\frac{1}{2}$	171 1	174 2	178 0	181 1
12	56 1	57 1	58 2	59 2	37	173 2	177 0	180 1	183 3
12 $\frac{1}{2}$	58 2	59 3	60 3	62 0	37 $\frac{1}{2}$	176 0	179 1	182 3	186 1
13	61 0	62 0	63 1	64 2	38	178 1	181 3	185 1	188 3
13 $\frac{1}{2}$	63 1	64 2	65 3	67 0	38 $\frac{1}{2}$	180 2	184 0	187 3	191 1
14	65 2	66 3	68 1	69 2	39	183 0	186 2	190 0	193 3
14 $\frac{1}{2}$	68 0	69 1	70 2	72 0	39 $\frac{1}{2}$	185 1	189 0	192 2	196 1
15	70 1	71 3	73 0	74 2	40	187 3	191 1	195 0	198 3
15 $\frac{1}{2}$	72 3	74 0	75 2	77 0					
16	75 0	76 2	78 0	79 2					
16 $\frac{1}{2}$	77 2	78 3	80 1	81 3					
17	79 3	81 1	82 3	84 1					
17 $\frac{1}{2}$	82 0	83 2	85 1	86 3					
18	84 2	86 0	87 3	89 1					
18 $\frac{1}{2}$	86 3	88 2	90 0	91 3					
19	89 0	90 3	92 2	94 1					
19 $\frac{1}{2}$	91 2	93 1	95 0	96 3					
20	93 3	95 2	97 2	99 1					
20 $\frac{1}{2}$	96 0	98 0	99 3	101 3					
21	98 2	100 1	102 1	104 1					
21 $\frac{1}{2}$	100 3	102 3	104 3	106 3					
22	103 1	105 1	107 1	109 1					
22 $\frac{1}{2}$	105 2	107 2	109 2	111 3					
23	107 3	110 0	112 0	114 1					
23 $\frac{1}{2}$	110 1	112 1	114 2	116 3					
24	112 2	114 3	117 0	119 1					
24 $\frac{1}{2}$	115 0	117 0	119 1	121 2					
25	117 1	119 2	121 3	124 0					
25 $\frac{1}{2}$	119 2	122 0	124 1	126 2					

A TABLE OF SOLID MEASURE.

Feet long	Inches Square.				Feet long	Inches Square.			
	27	27 $\frac{1}{2}$	27 $\frac{1}{2}$	27 $\frac{3}{4}$		27	27 $\frac{1}{2}$	27 $\frac{1}{2}$	27 $\frac{3}{4}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	5 0	5 0	5 1	5 1	26	131 2	134 0	136 2	139 0
1 $\frac{1}{2}$	7 2	7 2	7 3	8 0	26 $\frac{1}{2}$	134 0	136 2	139 0	141 2
2	10 0	10 1	10 2	10 2	27	136 2	139 0	141 3	144 1
2 $\frac{1}{2}$	12 2	12 3	13 0	13 1	27 $\frac{1}{2}$	139 0	141 3	144 1	147 0
3	15 0	15 1	15 3	16 0	28	141 3	144 1	147 0	149 2
3 $\frac{1}{2}$	17 2	18 0	18 1	18 2	28 $\frac{1}{2}$	144 1	146 3	149 2	152 1
4	20 1	20 2	21 0	21 1	29	146 3	149 2	152 1	155 0
4 $\frac{1}{2}$	22 3	23 0	23 2	24 0	29 $\frac{1}{2}$	149 1	152 0	154 3	157 3
5	25 1	25 3	26 1	26 2	30	151 3	154 2	157 2	160 1
5 $\frac{1}{2}$	27 3	28 1	28 3	29 2	30 $\frac{1}{2}$	154 1	157 1	160 0	163 0
6	30 1	30 3	31 2	32 0	31	156 3	159 3	162 3	165 3
6 $\frac{1}{2}$	32 3	33 2	34 0	34 3	31 $\frac{1}{2}$	159 1	162 1	165 1	168 1
7	35 1	36 0	36 3	37 1	32	162 0	165 0	168 0	171 0
7 $\frac{1}{2}$	37 3	38 2	39 1	40 0	32 $\frac{1}{2}$	164 2	167 2	170 2	173 3
8	40 2	41 1	42 0	42 3	33	167 0	170 0	173 1	176 1
8 $\frac{1}{2}$	43 0	43 3	44 2	45 1	33 $\frac{1}{2}$	169 2	172 2	175 3	179 0
9	45 2	46 1	47 1	48 2	34	172 0	175 1	178 2	181 3
9 $\frac{1}{2}$	48 0	48 3	49 3	50 3	34 $\frac{1}{2}$	174 2	177 3	181 0	184 1
10	50 2	51 2	52 2	53 1	35	177 0	180 1	183 3	187 0
10 $\frac{1}{2}$	53 0	54 0	55 0	56 0	35 $\frac{1}{2}$	179 2	183 0	186 1	189 3
11	55 2	56 2	57 3	58 3	36	182 1	185 2	189 0	192 2
11 $\frac{1}{2}$	58 0	59 1	60 1	61 1	36 $\frac{1}{2}$	184 3	188 0	191 2	195 0
12	60 3	61 3	63 0	64 0	37	187 1	190 3	194 1	197 3
12 $\frac{1}{2}$	63 1	64 1	65 2	66 3	37 $\frac{1}{2}$	189 3	193 1	196 3	200 2
13	65 3	67 0	68 1	69 2	38	192 1	195 3	199 2	203 0
13 $\frac{1}{2}$	68 1	69 2	70 3	72 0	38 $\frac{1}{2}$	194 3	198 2	202 0	205 3
14	70 3	72 0	73 2	74 3	39	197 1	201 0	204 3	208 2
14 $\frac{1}{2}$	73 1	74 3	76 0	77 2	39 $\frac{1}{2}$	199 3	203 2	207 1	211 0
15	75 3	77 1	78 3	80 0	40	202 2	206 1	210 0	213 3
15 $\frac{1}{2}$	78 1	79 3	81 1	82 3					
16	81 0	82 2	84 0	85 2					
16 $\frac{1}{2}$	83 2	85 0	86 2	88 0					
17	86 0	87 2	89 1	90 2					
17 $\frac{1}{2}$	88 2	90 0	91 3	93 2					
18	91 0	92 3	94 2	96 1					
18 $\frac{1}{2}$	93 2	95 1	97 0	98 3					
19	96 0	97 3	99 3	101 2					
19 $\frac{1}{2}$	98 2	100 2	102 1	104 1					
20	101 1	103 0	105 0	106 3					
20 $\frac{1}{2}$	103 3	105 2	107 2	109 2					
21	106 1	108 1	110 1	112 1					
21 $\frac{1}{2}$	108 3	110 3	112 3	114 3					
22	111 1	113 1	115 2	117 2					
22 $\frac{1}{2}$	113 3	116 0	118 0	120 1					
23	116 1	118 2	120 3	122 3					
23 $\frac{1}{2}$	118 3	121 0	123 1	125 2					
24	121 2	123 3	126 0	128 1					
24 $\frac{1}{2}$	124 0	126 1	128 2	131 0					
25	126 2	128 3	131 1	133 2					
25 $\frac{1}{2}$	129 0	131 1	133 3	136 1					

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.				Feet long	Inches Square.			
	28	28 $\frac{1}{2}$	28 $\frac{1}{2}$	28 $\frac{1}{2}$		28	28 $\frac{1}{2}$	28 $\frac{1}{2}$	28 $\frac{1}{2}$
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	5 1	5 2	5 2	5 2	26	141 2	144 0	146 2	149 0
1 $\frac{1}{2}$	8 0	8 1	8 1	8 2	26 $\frac{1}{2}$	144 1	146 3	149 1	152 0
2	10 3	11 0	11 1	11 1	27	147 0	149 2	152 1	154 3
2 $\frac{1}{2}$	13 2	13 3	14 0	14 1	27 $\frac{1}{2}$	149 2	152 1	155 0	157 3
3	16 1	16 2	16 3	17 0	28	152 1	155 0	157 3	160 2
3 $\frac{1}{2}$	19 0	19 1	19 2	20 0	28 $\frac{1}{2}$	155 0	157 3	160 3	163 2
4	21 3	22 0	22 2	22 3	29	157 3	160 2	163 2	166 1
4 $\frac{1}{2}$	24 2	24 3	25 1	25 3	29 $\frac{1}{2}$	160 2	163 1	166 1	169 1
5	27 0	27 2	28 0	28 2	30	163 1	166 1	169 0	172 0
5 $\frac{1}{2}$	29 3	30 1	31 0	31 2	30 $\frac{1}{2}$	166 0	169 0	172 0	175 0
6	32 2	33 1	33 3	34 1	31	168 3	171 3	174 3	177 3
6 $\frac{1}{2}$	35 1	36 0	36 2	37 1	31 $\frac{1}{2}$	171 2	174 2	177 2	180 3
7	38 0	38 3	39 1	40 0	32	174 0	177 1	180 2	183 2
7 $\frac{1}{2}$	40 3	41 2	42 1	43 0	32 $\frac{1}{2}$	176 3	180 0	183 1	186 2
8	43 2	44 1	45 0	45 3	33	179 2	182 3	186 0	189 1
8 $\frac{1}{2}$	46 1	47 0	47 3	48 3	33 $\frac{1}{2}$	182 1	185 2	188 3	192 1
9	49 0	49 3	50 3	51 2	34	185 0	188 1	191 3	195 0
9 $\frac{1}{2}$	51 2	52 2	53 2	54 2	34 $\frac{1}{2}$	187 3	191 0	194 2	198 0
10	54 1	55 1	56 1	57 1	35	190 2	193 3	197 1	200 3
10 $\frac{1}{2}$	57 0	58 0	59 0	60 1	35 $\frac{1}{2}$	193 1	196 2	200 0	203 3
11	59 3	60 3	62 0	63 0	36	196 0	199 2	203 0	206 2
11 $\frac{1}{2}$	62 2	63 2	64 3	66 0	36 $\frac{1}{2}$	198 2	202 1	205 3	209 2
12	65 1	66 2	67 2	68 3	37	201 1	205 0	208 2	212 1
12 $\frac{1}{2}$	68 0	69 1	70 2	71 3	37 $\frac{1}{2}$	204 0	207 3	211 2	215 1
13	70 3	72 0	73 1	74 2	38	206 3	210 2	214 1	218 0
13 $\frac{1}{2}$	73 2	74 3	76 0	77 1	38 $\frac{1}{2}$	209 2	213 1	217 0	220 3
14	76 0	77 2	78 3	80 1	39	212 1	216 0	219 3	223 3
14 $\frac{1}{2}$	78 3	80 1	81 3	83 0	39 $\frac{1}{2}$	215 0	218 3	222 3	226 2
15	81 2	83 0	84 2	86 0	40	217 3	221 2	225 2	229 2
15 $\frac{1}{2}$	84 1	85 3	87 1	88 3					
16	87 0	88 2	90 1	91 3					
16 $\frac{1}{2}$	89 3	91 1	93 0	94 2					
17	92 2	94 0	95 3	97 2					
17 $\frac{1}{2}$	95 1	96 3	98 2	100 1					
18	98 0	99 3	101 2	103 1					
18 $\frac{1}{2}$	100 2	102 2	104 1	106 0					
19	103 1	105 1	107 0	109 0					
19 $\frac{1}{2}$	106 0	108 0	109 3	111 3					
20	108 3	110 3	112 3	114 3					
20 $\frac{1}{2}$	111 2	113 2	115 2	117 2					
21	114 1	116 1	118 1	120 2					
21 $\frac{1}{2}$	117 0	119 0	121 1	123 1					
22	119 3	121 3	124 0	126 1					
22 $\frac{1}{2}$	122 2	124 2	126 3	129 0					
23	125 0	127 1	129 2	132 0					
23 $\frac{1}{2}$	127 3	130 0	132 2	134 3					
24	130 2	133 0	135 1	137 3					
24 $\frac{1}{2}$	133 1	135 3	138 0	140 2					
25	136 0	138 2	141 0	143 2					
25 $\frac{1}{2}$	138 3	141 1	143 3	146 1					

Feet long	Inches Square.				Feet long	Inches Square.			
	29	29½	29¾	29⅞		29	29½	29¾	29⅞
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	5 3	5 3	6 0	6 0	26	151 3	154 1	157 0	159 3
1½	8 3	8 3	9 0	9 0	26½	154 3	157 1	160 0	162 3
2	11 2	11 3	12 0	12 1	27	157 2	160 1	163 0	165 3
2½	14 2	14 3	15 0	15 1	27½	160 2	163 1	166 0	169 0
3	17 2	17 3	18 0	18 1	28	163 2	166 1	169 0	172 0
3½	20 1	20 3	21 0	21 2	28½	166 1	169 1	172 0	175 0
4	23 1	23 3	24 0	24 2	29	169 1	172 1	175 1	178 0
4½	26 1	26 2	27 0	27 2	29½	172 1	175 1	178 1	181 1
5	29 0	29 2	30 0	30 2	30	175 0	178 0	181 1	184 1
5½	32 0	32 2	33 0	33 3	30½	178 0	181 0	184 1	187 1
6	35 0	35 2	36 1	36 3	31	181 0	184 0	187 1	190 2
6½	37 3	38 2	39 1	39 3	31½	183 3	187 0	190 1	193 2
7	40 3	41 2	42 1	43 0	32	186 3	190 0	193 1	196 2
7½	43 3	44 2	45 1	46 0	32½	189 3	193 0	196 1	199 3
8	46 2	47 2	48 1	49 0	33	192 2	196 0	199 1	202 3
8½	49 2	50 2	51 1	52 0	33½	195 2	199 0	202 1	205 3
9	52 2	53 1	54 1	55 1	34	198 2	202 0	205 1	208 3
9½	55 1	56 1	57 1	58 1	34½	201 1	204 3	208 1	212 0
10	58 1	59 1	60 1	61 1	35	204 1	207 3	211 2	215 0
10½	61 1	62 1	63 1	64 2	35½	207 1	210 3	214 2	218 0
11	64 0	65 1	66 1	67 2	36	210 1	213 3	217 2	221 1
11½	67 0	68 1	69 1	70 2	36½	213 0	216 3	220 2	224 1
12	70 0	71 1	72 2	73 3	37	216 0	219 3	223 2	227 1
12½	73 0	74 1	75 2	76 3	37½	219 0	222 3	226 2	230 1
13	75 3	77 0	78 2	79 3	38	221 3	225 3	229 2	233 2
13½	78 3	80 0	81 2	82 3	38½	224 3	228 2	232 2	236 2
14	81 3	83 0	84 2	86 0	39	227 3	231 2	235 2	239 2
14½	84 2	86 0	87 2	89 0	39½	230 2	234 2	238 2	242 3
15	87 2	89 0	90 2	92 0	40	233 2	237 2	241 2	245 3
15½	90 2	92 0	93 2	95 1					
16	93 1	95 0	96 2	98 1					
16½	96 1	98 0	99 2	101 1					
17	99 1	101 0	102 2	104 1					
17½	102 0	103 3	105 3	107 2					
18	105 0	106 3	108 3	110 2					
18½	108 0	109 3	111 3	113 2					
19	110 3	112 3	114 3	116 3					
19½	113 3	115 3	117 3	119 3					
20	116 3	118 3	120 3	122 3					
20½	119 2	121 3	123 3	125 3					
21	122 2	124 3	126 3	129 0					
21½	125 2	127 2	129 3	132 0					
22	128 1	130 2	132 3	135 0					
22½	131 1	133 2	135 3	138 1					
23	134 1	136 2	138 3	141 1					
23½	137 0	139 2	142 0	144 1					
24	140 0	142 2	145 0	147 2					
24½	143 0	145 2	148 0	150 2					
25	146 0	148 2	151 0	153 2					
25½	148 3	151 2	154 0	156 2					

A TABLE OF SOLID MEASURE.

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Feet long	Inches Square.							
	30	30½	31	31½	32	32½	33	33½
	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.
1	6 1	6 1	6 2	6 3	7 0	7 1	7 2	7 3
1½	9 1	9 2	10 0	10 1	10 2	11 0	11 1	11 2
2	12 2	12 3	13 1	13 3	14 0	14 2	15 0	15 2
2½	15 2	16 0	16 2	17 0	17 3	18 1	18 3	19 1
3	18 3	19 1	20 0	20 2	21 1	22 0	22 2	23 1
3½	21 3	22 2	23 1	24 0	24 3	25 2	26 1	27 1
4	25 0	25 3	26 2	27 2	28 1	29 1	30 1	31 0
4½	28 0	29 0	30 0	31 0	32 0	33 0	34 0	35 0
5	31 1	32 1	33 1	34 1	35 2	36 2	37 3	38 3
5½	34 1	35 2	36 2	37 3	39 0	40 1	41 2	42 3
6	37 2	38 3	40 0	41 1	42 2	44 0	45 1	46 3
6½	40 2	41 3	43 1	44 3	46 0	47 2	49 0	50 2
7	43 3	45 0	46 2	48 0	49 3	51 1	52 3	54 2
7½	46 3	48 1	50 0	51 2	53 1	55 0	56 2	58 1
8	50 0	51 2	53 1	55 0	56 3	58 2	60 2	62 1
8½	53 0	54 3	56 2	58 2	60 1	62 1	64 1	66 0
9	56 1	58 0	60 0	62 0	64 0	66 0	68 0	70 0
9½	59 1	61 1	63 1	65 1	67 2	69 2	71 3	74 0
10	62 2	64 2	66 2	68 3	71 0	73 1	75 2	77 3
10½	65 2	67 3	70 0	72 0	74 2	77 0	79 1	81 3
11	68 3	71 0	73 1	75 2	78 0	80 2	83 0	85 2
11½	71 3	74 1	76 2	79 0	81 3	84 1	86 3	89 2
12	75 0	77 2	80 0	82 2	85 1	88 0	90 3	93 2

Feet long	Inches Square.							
	34	34½	35	35½	36	36½	37	37½
	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.
1	8 0	8 1	8 2	8 3	9 0	9 1	9 2	9 3
1½	12 0	12 1	12 3	13 0	13 2	13 3	14 1	14 2
2	16 0	16 2	17 0	17 2	18 0	18 2	19 0	19 2
2½	20 0	20 2	21 1	21 3	22 2	23 0	23 3	24 1
3	24 0	24 3	25 2	26 1	27 0	27 3	28 2	29 1
3½	28 0	28 3	29 3	30 2	31 2	32 1	33 1	34 0
4	32 0	33 0	34 0	35 0	36 0	37 0	38 0	39 0
4½	36 0	37 0	38 1	39 1	40 2	41 2	42 3	43 3
5	40 0	41 1	42 2	43 3	45 0	46 1	47 2	48 3
5½	44 0	45 1	46 3	48 0	49 2	50 3	52 1	53 2
6	48 0	49 2	51 0	52 2	54 0	55 2	57 0	58 2
6½	52 0	53 2	55 1	56 3	58 2	60 0	61 3	63 1
7	56 0	57 3	59 2	61 1	63 0	64 3	66 2	68 1
7½	60 0	61 3	63 3	65 2	67 2	69 1	71 1	73 0
8	64 0	66 0	68 0	70 0	72 0	74 0	76 0	78 0
8½	68 0	70 1	72 1	74 1	76 2	78 2	80 3	83 0
9	72 1	74 1	76 2	78 3	81 0	83 1	85 2	87 3
9½	76 1	78 2	80 3	83 0	85 2	87 3	90 1	92 3
10	80 1	82 2	85 0	87 2	90 0	92 2	95 0	97 2
10½	84 1	86 3	89 1	91 3	94 2	97 0	99 3	102 2
11	88 1	90 3	93 2	96 1	99 0	101 3	104 2	107 1
11½	92 1	95 0	97 3	100 2	103 2	106 1	109 1	112 1
12	96 1	99 0	102 0	105 0	108 0	111 0	114 0	117 0

A TABLE OF SOLID MEASURE.

Feet long	Inches Square.					
	38	38½	39	39½	40	40½
	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.	F. Q.
1	10 0	10 1	10 2	10 3	11 0	11 1
1½	15 0	15 1	15 3	16 1	16 2	17 0
2	20 0	20 2	21 0	21 2	22 0	22 3
2½	25 0	25 2	26 1	27 0	27 3	28 1
3	30 0	30 3	31 2	32 2	33 1	34 0
3½	35 0	36 0	36 3	37 3	38 3	39 3
4	40 0	41 0	42 1	43 1	44 1	45 2
4½	45 0	46 1	47 2	48 3	50 0	51 1
5	50 0	51 1	52 3	54 0	55 2	56 3
5½	55 0	56 2	58 0	59 2	61 0	62 2
6	60 0	61 3	63 1	65 0	66 2	68 1
6½	65 0	66 3	68 2	70 1	72 1	74 0
7	70 0	72 0	73 3	75 3	77 3	79 2
7½	75 0	77 0	79 0	81 0	83 1	85 1
8	80 0	82 1	84 2	86 2	88 3	91 0
8½	85 0	87 1	89 3	92 0	94 1	96 3
9	90 1	92 2	95 0	97 2	100 0	102 2
9½	95 1	97 3	100 1	102 3	105 2	108 0
10	100 1	102 3	105 2	108 1	111 0	113 3
10½	105 1	108 0	110 3	113 2	116 3	119 2
11	110 1	113 0	116 0	119 0	122 1	125 1
11½	115 1	118 1	121 1	124 2	127 3	130 3
12	120 1	123 2	126 3	130 0	133 2	136 2

Feet long	Inches Square.		
	41	41½	42
	F. Q.	F. Q.	F. Q.
1	11 2	11 3	12 1
1½	17 2	17 3	18 1
2	23 1	23 3	24 2
2½	29 0	29 3	30 2
3	35 0	35 3	36 3
3½	40 3	41 3	42 3
4	46 2	47 3	49 0
4½	52 2	53 3	55 0
5	58 1	59 3	61 1
5½	64 0	65 3	67 1
6	70 0	71 3	73 2
6½	75 3	77 3	79 2
7	81 2	83 2	85 3
7½	87 2	89 2	91 3
8	93 1	95 2	98 0
8½	99 0	101 2	104 0
9	105 0	107 2	110 1
9½	110 3	113 2	116 1
10	116 2	119 2	122 2
10½	122 2	125 2	128 2
11	128 1	131 2	134 3
11½	134 0	137 2	140 3
12	140 0	143 2	147 0

A T A B L E,

S H E W I N G

The exact PRICE, per Foot SOLID,

O F

Round Timber at *Fifty*, or Square at *Forty* Feet
to the Ton.From 8*l.* down to 1*l.* 10*s.* per Ton.

PRICE per TON.	At 50 Feet to the Ton per Foot Solid.	At 40 Feet to the Ton per Foot Solid.	PRICE per TON.	At 50 Feet to the Ton per Foot Solid.	At 40 Feet to the Ton per Foot Solid.
£. s. d. tenths.	s. d.	s. d.	£. s. d. tenths.	s. d.	s. d.
8 0 0	3 2 4	4 0	4 12 6	1 10 2	2 3½
7 17 6	3 1 8	3 11¼	4 10 0	1 9 6	2 3
7 15 0	3 1 2	3 10½	4 7 6	1 9 0	2 2½
7 12 6	3 0 6	3 9½	4 5 0	1 8 4	2 1½
7 10 0	3 0 0	3 9	4 2 6	1 7 8	2 0¾
7 7 6	2 11 4	3 8¼	4 0 0	1 7 2	2 0
7 5 0	2 10 8	3 7½	3 17 6	1 6 6	1 11½
7 2 6	2 10 2	3 6¾	3 15 0	1 6 0	1 10½
7 0 0	2 9 6	3 6	3 12 6	1 5 4	1 9½
6 17 6	2 9 0	3 5¼	3 10 0	1 4 8	1 9
6 15 0	2 8 4	3 4½	3 7 6	1 4 2	1 8½
6 12 6	2 7 8	3 3¾	3 5 0	1 3 6	1 7½
6 10 0	2 7 2	3 3	3 2 6	1 3 0	1 6¾
6 7 6	2 6 6	3 2¼	3 0 0	1 2 4	1 6
6 5 0	2 6 0	3 1½	2 17 6	1 1 8	1 5¼
6 2 6	2 5 4	3 0¾	2 15 0	1 1 2	1 4½
6 0 0	2 4 8	3 0	2 12 6	1 0 6	1 3¾
5 17 6	2 4 2	2 11¼	2 10 0	1 0 0	1 3
5 15 0	2 3 6	2 10½	2 7 6	11 4	1 2½
5 12 6	2 3 0	2 9¾	2 5 0	10 8	1 1½
5 10 0	2 2 4	2 9	2 2 6	10 2	1 0¾
5 7 6	2 1 8	2 8¼	2 0 0	9 6	1 0
5 5 0	2 1 2	2 7½	1 17 6	9 0	11½
5 2 6	2 0 6	2 6¾	1 15 0	8 4	10½
5 0 0	2 0 0	2 6	1 12 6	7 8	9¾
4 17 6	1 11 4	2 5¼	1 10 0	7 2	9
4 15 0	1 10 8	2 4½			

AN
EXPLANATION
OF THE FOREGOING
TABLES OF SOLID,
AND THE FOLLOWING OF
SUPERFICIAL MEASURE.

IN finding the Content of a Piece of Timber, Plank, or Board, *seek for your Square in the TABLES of SOLID MEASURE, or Breadth in the TABLES of SUPERFICIAL MEASURE, which you have in numerical Order, at the Top of each Page; then cast your Eye down the Left-hand or first Column for your Length; after which, over against your Length, and under the Square of the Timber or Breadth of the Plank, you will find the Content in Feet and Quarters.*

It is to be observed, that these Tables extend 7 Feet longer than Mr. HORRUS's London Edition, together with every Half Foot required from 1 to 50 Feet in Length, (it being requisite in long Poland and Koningberg Plank whereas he only gives the Half Foot at Bottom for the whole Page, which is not a correct Method.

A TABLE OF SUPERFICIAL MEASURE.

47

Feet long	Inches Broad.		Feet long	Inches Broad.	
	3	3½		3	3½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0	1	0	1	
1½	0	1	0	1	
2	0	2	0	2	
2½	0	2	0	2	
3	0	3	0	3	
3½	0	3	1	0	
4	1	0	1	0	
4½	1	0	1	1	
5	1	1	1	1	
5½	1	1	1	2	
6	1	2	1	3	
6½	1	2	1	3	
7	1	3	2	0	
7½	1	3	2	0	
8	2	0	2	1	
8½	2	0	2	1	
9	2	1	2	2	
9½	2	1	2	3	
10	2	2	2	3	
10½	2	2	3	0	
11	2	3	3	0	
11½	2	3	3	1	
12	3	0	3	2	
12½	3	0	3	2	
13	3	1	3	3	
13½	3	1	3	3	
14	3	2	4	0	
14½	3	2	4	0	
15	3	3	4	1	
15½	3	3	4	2	
16	4	0	4	2	
16½	4	0	4	3	
17	4	1	4	3	
17½	4	1	5	0	
18	4	2	5	1	
18½	4	2	5	1	
19	4	3	5	2	
19½	4	3	5	2	
20	5	0	5	3	
20½	5	0	5	3	
21	5	1	6	0	
21½	5	1	6	1	
22	5	2	6	1	
22½	5	2	6	2	
23	5	3	6	2	
23½	5	3	6	3	
24	6	0	7	0	
24½	6	0	7	0	
25	6	1	7	1	
25½	6	1	7	1	
26	6	2	7	2	
26½	6	2	7	2	
27	6	3	7	3	
27½	6	3	8	0	
28	7	0	8	0	
28½	7	0	8	1	
29	7	1	8	1	
29½	7	1	8	2	
30	7	2	8	3	
30½	7	2	8	3	
31	7	3	9	0	
31½	7	3	9	0	
32	8	0	9	1	
32½	8	0	9	1	
33	8	1	9	2	
33½	8	1	9	3	
34	8	2	9	3	
34½	8	2	10	0	
35	8	3	10	0	
35½	8	3	10	1	
36	9	0	10	2	
36½	9	0	10	2	
37	9	1	10	3	
37½	9	1	10	3	
38	9	2	11	0	
38½	9	2	11	0	
39	9	3	11	1	
39½	9	3	11	2	
40	10	0	11	2	
40½	10	0	11	3	
41	10	1	11	3	
41½	10	1	12	0	
42	10	2	12	1	
42½	10	2	12	1	
43	10	3	12	2	
43½	10	3	12	2	
44	11	0	12	3	
44½	11	0	12	3	
45	11	1	13	0	
45½	11	1	13	1	
46	11	2	13	1	
46½	11	2	13	2	
47	11	3	13	2	
47½	11	3	13	3	
48	12	0	14	0	
48½	12	0	14	0	
49	12	1	14	1	
49½	12	1	14	1	
50	12	2	14	2	

A TABLE OF SUPERFICIAL MEASURE.

Feet Inches Broad.				Feet Inches Broad.			
long	4		4 $\frac{1}{2}$	long	4		4 $\frac{1}{2}$
	F.	Q.			F.	Q.	
1	0	1	0	1	0	1	0
1 $\frac{1}{2}$	0	2	0	2	0	2	0
2	0	2	0	3	0	3	0
2 $\frac{1}{2}$	0	3	0	3	0	3	0
3	1	0	1	0	1	0	1
3 $\frac{1}{2}$	1	0	1	1	1	0	1
4	1	1	1	2	1	1	2
4 $\frac{1}{2}$	1	2	1	2	1	2	2
5	1	2	1	3	1	2	3
5 $\frac{1}{2}$	1	3	2	0	1	3	0
6	2	0	2	1	2	0	1
6 $\frac{1}{2}$	2	0	2	1	2	0	1
7	2	1	2	2	2	1	2
7 $\frac{1}{2}$	2	2	2	3	2	2	3
8	2	2	3	0	2	2	3
8 $\frac{1}{2}$	2	3	3	0	2	3	0
9	3	0	3	1	3	0	1
9 $\frac{1}{2}$	3	0	3	2	3	0	2
10	3	1	3	3	3	1	3
10 $\frac{1}{2}$	3	2	3	3	3	2	3
11	3	2	4	0	3	2	4
11 $\frac{1}{2}$	3	3	4	1	3	3	1
12	4	0	4	2	4	0	2
12 $\frac{1}{2}$	4	0	4	2	4	0	2
13	4	1	4	3	4	1	3
13 $\frac{1}{2}$	4	2	5	0	4	2	5
14	4	2	5	1	4	2	5
14 $\frac{1}{2}$	4	3	5	1	4	3	5
15	5	0	5	2	5	0	2
15 $\frac{1}{2}$	5	0	5	3	5	0	3
16	5	1	6	0	5	1	6
16 $\frac{1}{2}$	5	2	6	0	5	2	6
17	5	2	6	1	5	2	6
17 $\frac{1}{2}$	5	3	6	2	5	3	6
18	6	0	6	3	6	0	3
18 $\frac{1}{2}$	6	0	6	3	6	0	3
19	6	1	7	0	6	1	7
19 $\frac{1}{2}$	6	2	7	1	6	2	7
20	6	2	7	2	6	2	7
20 $\frac{1}{2}$	6	3	7	2	6	3	7
21	7	0	7	3	7	0	3
21 $\frac{1}{2}$	7	0	8	0	7	0	8
22	7	1	8	1	7	1	8
22 $\frac{1}{2}$	7	2	8	1	7	2	8
23	7	2	8	2	7	2	8
23 $\frac{1}{2}$	7	3	8	3	7	3	8
24	8	0	9	0	8	0	9
24 $\frac{1}{2}$	8	0	9	0	8	0	9
25	8	1	9	1	8	1	9
25 $\frac{1}{2}$	8	2	9	2	8	2	9
26	8	2	9	3	8	2	9
26 $\frac{1}{2}$	8	3	9	3	8	3	9
27	9	0	10	0	9	0	10
27 $\frac{1}{2}$	9	0	10	1	9	0	10
28	9	1	10	2	9	1	10
28 $\frac{1}{2}$	9	2	10	2	9	2	10
29	9	2	10	3	9	2	10
29 $\frac{1}{2}$	9	3	11	0	9	3	11
30	10	0	11	1	10	0	11
30 $\frac{1}{2}$	10	0	11	1	10	0	11
31	10	1	11	2	10	1	11
31 $\frac{1}{2}$	10	2	11	3	10	2	11
32	10	2	12	0	10	2	12
32 $\frac{1}{2}$	10	3	12	0	10	3	12
33	11	0	12	1	11	0	12
33 $\frac{1}{2}$	11	0	12	2	11	0	12
34	11	1	12	3	11	1	12
34 $\frac{1}{2}$	11	2	12	3	11	2	12
35	11	2	13	0	11	2	13
35 $\frac{1}{2}$	11	3	13	1	11	3	13
36	12	0	13	2	12	0	13
36 $\frac{1}{2}$	12	0	13	2	12	0	13
37	12	1	13	3	12	1	13
37 $\frac{1}{2}$	12	2	14	0	12	2	14
38	12	2	14	1	12	2	14
38 $\frac{1}{2}$	12	3	14	1	12	3	14
39	13	0	14	2	13	0	14
39 $\frac{1}{2}$	13	0	14	3	13	0	14
40	13	1	15	0	13	1	15
40 $\frac{1}{2}$	13	2	15	0	13	2	15
41	13	2	15	1	13	2	15
41 $\frac{1}{2}$	13	3	15	2	13	3	15
42	14	0	15	3	14	0	15
42 $\frac{1}{2}$	14	0	15	3	14	0	15
43	14	1	16	0	14	1	16
43 $\frac{1}{2}$	14	2	16	1	14	2	16
44	14	2	16	2	14	2	16
44 $\frac{1}{2}$	14	3	16	2	14	3	16
45	15	0	16	3	15	0	16
45 $\frac{1}{2}$	15	0	17	0	15	0	17
46	15	1	17	1	15	1	17
46 $\frac{1}{2}$	15	2	17	1	15	2	17
47	15	2	17	2	15	2	17
47 $\frac{1}{2}$	15	3	17	3	15	3	17
48	16	0	18	0	16	0	18
48 $\frac{1}{2}$	16	0	18	0	16	0	18
49	16	1	18	1	16	1	18
49 $\frac{1}{2}$	16	2	18	2	16	2	18
50	16	2	18	3	16	2	18

A TABLE OF SUPERFICIAL MEASURE.

49

Feet Inches Broad.						Feet Inches Broad.					
long	5		5½			long	5		5½		
	F.	Q.	F.	Q.			F.	Q.	F.	Q.	
1	0	1	0	1		26	10	3	11	3	
1½	0	2	0	2		26½	11	0	12	0	
2	0	3	0	3		27	11	1	12	1	
2½	1	0	1	0		27½	11	1	12	2	
3	1	1	1	1		28	11	2	12	3	
3½	1	1	1	2		28½	11	3	13	0	
4	1	2	1	3		29	12	0	13	1	
4½	1	3	2	0		29½	12	1	13	2	
5	2	0	2	1		30	12	2	13	3	
5½	2	1	2	2		30½	12	2	13	3	
6	2	2	2	3		31	12	3	14	0	
6½	2	2	2	3		31½	13	0	14	1	
7	2	3	3	0		32	13	1	14	2	
7½	3	0	3	1		32½	13	2	14	3	
8	3	1	3	2		33	13	3	15	0	
8½	3	2	3	3		33½	13	3	15	1	
9	3	3	4	0		34	14	0	15	2	
9½	3	3	4	1		34½	14	1	15	3	
10	4	0	4	2		35	14	2	16	0	
10½	4	1	4	3		35½	14	3	16	1	
11	4	2	5	0		36	15	0	16	2	
11½	4	3	5	1		36½	15	0	16	2	
12	5	0	5	2		37	15	1	16	3	
12½	5	0	5	2		37½	15	2	17	0	
13	5	1	5	3		38	15	3	17	1	
13½	5	2	6	0		38½	16	0	17	2	
14	5	3	6	1		39	16	1	17	3	
14½	6	0	6	2		39½	16	1	18	0	
15	6	1	6	3		40	16	2	18	1	
15½	6	1	7	0		40½	16	3	18	2	
16	6	2	7	1		41	17	0	18	3	
16½	6	3	7	2		41½	17	1	19	0	
17	7	0	7	3		42	17	2	19	1	
17½	7	1	8	0		42½	17	2	19	1	
18	7	2	8	1		43	17	3	19	2	
18½	7	2	8	1		43½	18	0	19	3	
19	7	3	8	2		44	18	1	20	0	
19½	8	0	8	3		44½	18	2	20	1	
20	8	1	9	0		45	18	3	20	2	
20½	8	2	9	1		45½	18	3	20	3	
21	8	3	9	2		46	19	0	21	0	
21½	8	3	9	3		46½	19	1	21	1	
22	9	0	10	0		47	19	2	21	2	
22½	9	1	10	1		47½	19	3	21	3	
23	9	2	10	2		48	20	0	22	0	
23½	9	3	10	3		48½	20	0	22	0	
24	10	0	11	0		49	20	1	22	1	
24½	10	0	11	0		49½	20	2	22	2	
25	10	1	11	1		50	20	3	22	3	
25½	10	2	11	2							

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	6	6½		6	6½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0 2	0 2	26	13 0	14 0
1½	0 3	0 3	26½	13 1	14 1
2	1 0	1 0	27	13 2	14 2
2½	1 1	1 1	27½	13 3	14 3
3	1 2	1 2	28	14 0	15 0
3½	1 3	1 3	28½	14 1	15 1
4	2 0	2 0	29	14 2	15 2
4½	2 1	2 1	29½	14 3	15 3
5	2 2	2 2	30	15 0	16 0
5½	2 3	2 3	30½	15 1	16 1
6	3 0	3 1	31	15 2	16 2
6½	3 1	3 2	31½	15 3	17 0
7	3 2	3 3	32	16 0	17 1
7½	3 3	4 0	32½	16 1	17 2
8	4 0	4 1	33	16 2	17 3
8½	4 1	4 2	33½	16 3	18 0
9	4 2	4 3	34	17 0	18 1
9½	4 3	5 0	34½	17 1	18 2
10	5 0	5 1	35	17 2	18 3
10½	5 1	5 2	35½	17 3	19 0
11	5 2	5 3	36	18 0	19 1
11½	5 3	6 0	36½	18 1	19 2
12	6 0	6 1	37	18 2	20 0
12½	6 1	6 2	37½	18 3	20 1
13	6 2	7 0	38	19 0	20 2
13½	6 3	7 1	38½	19 1	20 3
14	7 0	7 1	39	19 2	21 0
14½	7 1	7 2	39½	19 3	21 1
15	7 2	8 0	40	20 0	21 2
15½	7 3	8 1	40½	20 1	21 3
16	8 0	8 1	41	20 2	22 0
16½	8 1	8 2	41½	20 3	22 1
17	8 2	9 0	42	21 0	22 2
17½	8 3	9 1	42½	21 1	23 0
18	9 0	9 1	43	21 2	23 1
18½	9 1	10 0	43½	21 3	23 2
19	9 2	10 1	44	22 0	23 3
19½	9 3	10 2	44½	22 1	24 0
20	10 0	10 1	45	22 2	24 1
20½	10 1	11 0	45½	22 3	24 2
21	10 2	11 1	46	23 0	24 3
21½	10 3	11 2	46½	23 1	25 0
22	11 0	11 1	47	23 2	25 1
22½	11 1	12 0	47½	23 3	25 2
23	11 2	12 1	48	24 0	26 0
23½	11 3	12 2	48½	24 1	26 1
24	12 0	13 0	49	24 2	26 2
24½	12 1	13 1	49½	24 3	26 3
25	12 2	13 2	50	25 0	27 0
25½	12 3	13 3			

A TABLE OF SUPERFICIAL MEASURE.

51

Feet long	Inches Broad.		Feet long	Inches Broad.	
	7	7½		7	7½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0	2	26	15	0
1½	0	3	26½	15	1
2	1	0	27	15	3
2½	1	1	27½	16	0
3	1	3	28	16	1
3½	2	0	28½	16	2
4	2	1	29	16	3
4½	2	2	29½	17	0
5	2	3	30	17	2
5½	3	0	30½	17	3
6	3	2	31	18	0
6½	3	3	31½	18	1
7	4	0	32	18	2
7½	4	1	32½	18	3
8	4	2	33	19	0
8½	4	3	33½	19	1
9	5	1	34	19	2
9½	5	2	34½	20	0
10	5	3	35	20	1
10½	6	0	35½	20	2
11	6	1	36	21	0
11½	6	2	36½	21	1
12	7	0	37	21	2
12½	7	1	37½	21	3
13	7	2	38	22	0
13½	7	3	38½	22	1
14	8	0	39	22	3
14½	8	1	39½	23	0
15	8	3	40	23	1
15½	9	0	40½	23	2
16	9	1	41	23	3
16½	9	2	41½	24	0
17	9	3	42	24	2
17½	10	0	42½	24	3
18	10	2	43	25	0
18½	10	3	43½	25	1
19	11	0	44	25	2
19½	11	1	44½	25	3
20	11	2	45	26	0
20½	11	3	45½	26	1
21	12	1	46	26	3
21½	12	2	46½	27	0
22	12	3	47	27	1
22½	13	0	47½	27	2
23	13	1	48	28	0
23½	13	2	48½	28	1
24	14	0	49	28	2
24½	14	1	49½	28	3
25	14	2	50	29	0
25½	14	3			

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	8	8½		8	8½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0 2	0 2	26	17 1	18 1
1½	1 0	1 0	26½	17 2	18 3
2	1 1	1 1	27	18 0	19 0
2½	1 2	1 3	27½	18 1	19 1
3	2 0	2 0	28	18 2	19 3
3½	2 1	2 1	28½	19 0	20 0
4	2 2	2 3	29	19 1	20 2
4½	3 0	3 0	29½	19 2	20 3
5	3 1	3 2	30	20 0	21 1
5½	3 2	3 3	30½	20 1	21 2
6	4 0	4 1	31	20 2	21 3
6½	4 1	4 2	31½	21 0	22 1
7	4 2	4 3	32	21 1	22 2
7½	5 0	5 1	32½	21 2	23 0
8	5 1	5 2	33	22 0	23 1
8½	5 2	6 0	33½	22 1	23 2
9	6 0	6 1	34	22 2	24 0
9½	6 1	6 2	34½	23 0	24 1
10	6 2	7 0	35	23 1	24 3
10½	7 0	7 1	35½	23 2	25 0
11	7 1	7 3	36	24 0	25 2
11½	7 2	8 0	36½	24 1	25 3
12	8 0	8 2	37	24 2	26 0
12½	8 1	8 3	37½	25 0	26 2
13	8 2	9 0	38	25 1	26 3
13½	9 0	9 2	38½	25 2	27 1
14	9 1	9 3	39	26 0	27 2
14½	9 2	10 1	39½	26 1	27 3
15	10 0	10 2	40	26 2	28 1
15½	10 1	10 3	40½	27 0	28 2
16	10 2	11 1	41	27 1	29 0
16½	11 0	11 2	41½	27 2	29 1
17	11 1	12 0	42	28 0	29 3
17½	11 2	12 1	42½	28 1	30 0
18	12 0	12 3	43	28 2	30 1
18½	12 1	13 0	43½	29 0	30 3
19	12 2	13 1	44	29 1	31 0
19½	13 0	13 3	44½	29 2	31 2
20	13 1	14 0	45	30 0	31 3
20½	13 2	14 2	45½	30 1	32 0
21	14 0	14 3	46	30 2	32 2
21½	14 1	15 0	46½	31 0	32 3
22	14 2	15 2	47	31 1	33 1
22½	15 0	15 3	47½	31 2	33 2
23	15 1	16 1	48	32 0	34 0
23½	15 2	16 2	48½	32 1	34 1
24	16 0	17 0	49	32 2	34 2
24½	16 1	17 1	49½	33 0	35 0
25	16 2	17 2	50	33 1	35 1
25½	17 0	18 0			

A TABLE OF SUPERFICIAL MEASURE.

53

Feet long	Inches Broad.		Feet long	Inches Broad.	
	9	9½		9	9½
1	F. Q. 0 3	F. Q. 0 3	26	F. Q. 19 2	F. Q. 20 2
1½	1 0	1 0	26½	19 3	20 3
2	1 2	1 2	27	20 1	21 1
2½	1 3	1 3	27½	20 2	21 3
3	2 1	2 1	28	21 0	22 0
3½	2 2	2 3	28½	21 1	22 2
4	3 0	3 0	29	21 3	22 3
4½	3 1	3 2	29½	22 0	23 1
5	3 3	3 3	30	22 2	23 3
5½	4 0	4 1	30½	22 3	24 0
6	4 2	4 3	31	23 1	24 2
6½	4 3	5 0	31½	23 2	24 3
7	5 1	5 2	32	24 0	25 1
7½	5 2	5 3	32½	24 1	25 2
8	6 0	6 1	33	24 3	26 0
8½	6 1	6 2	33½	25 0	26 2
9	6 3	7 0	34	25 2	26 3
9½	7 0	7 2	34½	25 3	27 1
10	7 2	7 3	35	26 1	27 2
10½	7 3	8 1	35½	26 2	28 0
11	8 1	8 2	36	27 0	28 2
11½	8 2	9 0	36½	27 1	28 3
12	9 0	9 2	37	27 3	29 1
12½	9 1	9 3	37½	28 0	29 2
13	9 3	10 1	38	28 2	30 0
13½	10 0	10 2	38½	28 3	30 1
14	10 2	11 0	39	29 1	30 3
14½	10 3	11 1	39½	29 2	31 1
15	11 1	11 3	40	30 0	31 2
15½	11 2	12 1	40½	30 1	32 0
16	12 0	12 2	41	30 3	32 1
16½	12 1	13 0	41½	31 0	32 3
17	12 3	13 1	42	31 2	33 1
17½	13 0	13 3	42½	31 3	33 2
18	13 2	14 1	43	32 1	34 0
18½	13 3	14 2	43½	32 2	34 1
19	14 1	15 0	44	33 0	34 3
19½	14 2	15 1	44½	33 1	35 0
20	15 0	15 3	45	33 3	35 2
20½	15 1	16 0	45½	34 0	36 0
21	15 3	16 2	46	34 2	36 1
21½	16 0	17 0	46½	34 3	36 3
22	16 2	17 1	47	35 1	37 0
22½	16 3	17 3	47½	35 2	37 2
23	17 1	18 0	48	36 0	38 0
23½	17 2	18 2	48½	36 1	38 1
24	18 0	19 0	49	36 3	38 3
24½	18 1	19 1	49½	37 0	39 0
25	18 3	19 3	50	37 2	39 2
25½	19 0	20 0			

A TABLE OF SUPERFICIAL MEASURE.

Feet Inches Broad.					Feet Inches Broad.				
long	10		10½		long	10		10½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	0	3	0	3	26	21	2	22	3
1½	1	1	1	1	26½	22	0	23	0
2	1	2	1	3	27	22	2	23	2
2½	2	0	2	0	27½	22	3	24	0
3	2	2	2	2	28	23	1	24	2
3½	2	3	3	0	28½	23	3	24	3
4	3	1	3	2	29	24	0	25	1
4½	3	3	3	3	29½	24	2	25	3
5	4	0	4	1	30	25	0	26	1
5½	4	2	4	3	30½	25	1	26	2
6	5	0	5	1	31	25	3	27	0
6½	5	1	5	2	31½	26	1	27	2
7	5	3	6	0	32	26	2	28	0
7½	6	1	6	2	32½	27	0	28	1
8	6	2	7	0	33	27	2	28	3
8½	7	0	7	1	33½	27	3	29	1
9	7	2	7	3	34	28	1	29	3
9½	7	3	8	1	34½	28	3	30	0
10	8	1	8	3	35	29	0	30	2
10½	8	3	9	0	35½	29	2	31	0
11	9	0	9	2	36	30	0	31	2
11½	9	2	10	0	36½	30	1	31	3
12	10	0	10	2	37	30	3	32	1
12½	10	1	10	3	37½	31	1	32	3
13	10	3	11	1	38	31	2	33	1
13½	11	1	11	3	38½	32	0	33	2
14	11	2	12	1	39	32	2	34	0
14½	12	0	12	2	39½	32	3	34	2
15	12	2	13	0	40	33	1	35	0
15½	12	3	13	2	40½	33	3	35	1
16	13	1	14	0	41	34	0	35	3
16½	13	3	14	1	41½	34	2	36	1
17	14	0	14	3	42	35	0	36	3
17½	14	2	15	1	42½	35	1	37	0
18	15	0	15	3	43	35	3	37	2
18½	15	1	16	0	43½	36	1	38	0
19	15	3	16	2	44	36	2	38	2
19½	16	1	17	0	44½	37	0	38	3
20	16	2	17	2	45	37	2	39	1
20½	17	0	17	3	45½	37	3	39	3
21	17	2	18	1	46	38	1	40	1
21½	17	3	18	3	46½	38	3	40	2
22	18	1	19	1	47	39	0	41	0
22½	18	3	19	2	47½	39	2	41	2
23	19	0	20	0	48	40	0	42	0
23½	19	2	20	2	48½	40	1	42	1
24	20	0	21	0	49	40	3	42	3
24½	20	1	21	1	49½	41	1	43	1
25	20	3	21	3	50	41	2	43	3
25½	21	1	22	1					

A TABLE OF SUPERFICIAL MEASURE.

55

Feet long	Inches Broad.		Feet long	Inches Broad.	
	11	11½		11	11½
	F. Q.	F. Q.		F. Q.	F. Q.
1	0 3	0 3	26	23 3	24 3
1½	1 1	1 1	26½	24 1	25 1
2	1 3	1 3	27	24 3	25 3
2½	2 1	2 1	27½	25 0	26 1
3	2 3	2 3	28	25 2	26 3
3½	3 0	3 1	28½	26 0	27 1
4	3 2	3 3	29	26 2	27 3
4½	4 0	4 1	29½	27 0	28 1
5	4 2	4 3	30	27 2	28 3
5½	5 0	5 1	30½	27 3	29 0
6	5 2	5 3	31	28 1	29 2
6½	5 3	5 4	31½	28 3	30 0
7	6 1	6 2	32	29 1	30 2
7½	6 3	7 0	32½	29 3	31 0
8	7 1	7 2	33	30 1	31 2
8½	7 3	8 0	33½	30 2	32 0
9	8 1	8 2	34	31 0	32 2
9½	8 2	9 0	34½	31 2	33 0
10	9 0	9 2	35	32 0	33 2
10½	9 2	10 0	35½	32 2	34 0
11	10 0	10 2	36	33 0	34 2
11½	10 2	11 0	36½	33 1	34 2
12	11 0	11 2	37	33 3	35 1
12½	11 1	11 3	37½	34 1	35 3
13	11 3	12 1	38	34 3	36 1
13½	12 1	12 3	38½	35 1	36 3
14	12 3	13 1	39	35 3	37 1
14½	13 1	13 3	39½	36 0	37 3
15	13 3	14 1	40	36 2	38 1
15½	14 0	14 3	40½	37 0	38 3
16	14 2	15 1	41	37 2	39 1
16½	15 0	15 3	41½	38 0	39 3
17	15 2	16 1	42	38 2	40 1
17½	16 0	16 3	42½	38 3	40 2
18	16 2	17 1	43	39 1	41 0
18½	16 3	17 2	43½	39 3	41 2
19	17 1	18 0	44	40 1	42 0
19½	17 3	18 2	44½	40 3	42 2
20	18 1	19 0	45	41 1	43 0
20½	18 3	19 2	45½	41 2	43 2
21	19 1	20 0	46	42 0	44 0
21½	19 2	20 2	46½	42 2	44 2
22	20 0	21 0	47	43 0	45 0
22½	20 2	21 2	47½	43 2	45 2
23	21 0	22 0	48	44 0	46 0
23½	21 2	22 2	48½	44 1	46 1
24	22 0	23 0	49	44 3	46 3
24½	22 1	23 1	49½	45 1	47 1
25	22 3	23 3	50	45 3	47 3
25½	23 1	24 1			

Feet long	Inches Broad.				Feet long	Inches Broad.			
	12		12½			12		12½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	0	1	0	26	26	0	27	0
1½	1	2	1	2	26½	26	2	27	2
2	2	0	2	0	27	27	0	28	0
2½	2	2	2	2	27½	27	2	28	2
3	3	0	3	0	28	28	0	29	0
3½	3	2	3	2	28½	28	2	29	2
4	4	0	4	0	29	29	0	30	0
4½	4	2	4	2	29½	29	2	30	2
5	5	0	5	0	30	30	0	31	0
5½	5	2	5	2	30½	30	2	31	2
6	6	0	6	0	31	31	0	32	0
6½	6	2	6	2	31½	31	2	32	2
7	7	0	7	0	32	32	0	33	0
7½	7	2	7	2	32½	32	2	33	2
8	8	0	8	0	33	33	0	34	0
8½	8	2	8	2	33½	33	2	34	2
9	9	0	9	0	34	34	0	35	0
9½	9	2	9	2	34½	34	2	35	2
10	10	0	10	0	35	35	0	36	0
10½	10	2	10	2	35½	35	2	36	2
11	11	0	11	0	36	36	0	37	0
11½	11	2	11	2	36½	36	2	37	2
12	12	0	12	0	37	37	0	38	0
12½	12	2	13	0	37½	37	2	38	2
13	13	0	13	0	38	38	0	39	0
13½	13	2	14	0	38½	38	2	39	2
14	14	0	14	0	39	39	0	40	0
14½	14	2	15	0	39½	39	2	40	2
15	15	0	15	0	40	40	0	41	0
15½	15	2	16	0	40½	40	2	41	2
16	16	0	16	0	41	41	0	42	0
16½	16	2	17	0	41½	41	2	42	2
17	17	0	17	0	42	42	0	43	0
17½	17	2	18	0	42½	42	2	43	2
18	18	0	18	0	43	43	0	44	0
18½	18	2	19	0	43½	43	2	44	2
19	19	0	19	0	44	44	0	45	0
19½	19	2	20	0	44½	44	2	45	2
20	20	0	20	0	45	45	0	46	0
20½	20	2	21	0	45½	45	2	46	2
21	21	0	21	0	46	46	0	47	0
21½	21	2	22	0	46½	46	2	47	2
22	22	0	22	0	47	47	0	48	0
22½	22	2	23	0	47½	47	2	48	2
23	23	0	23	0	48	48	0	49	0
23½	23	2	24	0	48½	48	2	50	0
24	24	0	24	0	49	49	0	51	0
24½	24	2	25	0	49½	49	2	51	2
25	25	0	25	0	50	50	0	52	0
25½	25	2	26	0					

A TABLE OF SUPERFICIAL MEASURE.

57

Feet		Inches Broad.				Feet		Inches Broad.			
long		13		13½		long		13		13½	
		F.	Q.	F.	Q.			F.	Q.	F.	Q.
1		1	0	1	0	26	28	0	29	1	
1½		1	2	1	2	26½	28	2	29	3	
2		2	0	2	1	27	29	1	30	1	
2½		2	2	2	3	27½	29	3	30	3	
3		3	1	3	1	28	30	1	31	2	
3½		3	3	3	3	28½	30	3	32	0	
4		4	1	4	2	29	31	1	32	2	
4½		4	3	5	0	29½	31	3	33	0	
5		5	1	5	2	30	32	2	33	3	
5½		5	3	6	0	30½	33	0	34	1	
6		6	2	6	3	31	33	2	34	3	
6½		7	0	7	1	31½	34	0	35	1	
7		7	2	7	3	32	34	2	36	0	
7½		8	0	8	1	32½	35	0	36	2	
8		8	2	9	0	33	35	3	37	0	
8½		9	0	9	2	33½	36	1	37	2	
9		9	3	10	0	34	36	3	38	1	
9½		10	1	10	2	34½	37	1	38	3	
10		10	3	11	1	35	37	3	39	1	
10½		11	1	11	3	35½	38	1	39	3	
11		11	3	12	1	36	39	0	40	2	
11½		12	1	12	3	36½	39	2	41	0	
12		13	0	13	2	37	40	0	41	2	
12½		13	2	14	0	37½	40	2	42	0	
13		14	0	14	2	38	41	0	42	3	
13½		14	2	15	0	38½	41	2	43	1	
14		15	0	15	3	39	42	1	43	3	
14½		15	2	16	1	39½	42	3	44	1	
15		16	1	16	3	40	43	1	45	0	
15½		16	3	17	1	40½	43	3	45	2	
16		17	1	18	0	41	44	1	46	0	
16½		17	3	18	2	41½	44	3	46	2	
17		18	1	19	0	42	45	2	47	1	
17½		18	3	19	2	42½	46	0	47	3	
18		19	2	20	1	43	46	2	48	1	
18½		20	0	20	3	43½	47	0	48	3	
19		20	2	21	1	44	47	2	49	2	
19½		21	0	21	3	44½	48	0	50	0	
20		21	2	22	2	45	48	3	50	2	
20½		22	0	23	0	45½	49	1	51	0	
21		22	3	23	2	46	49	3	51	3	
21½		23	1	24	0	46½	50	1	52	1	
22		23	3	24	3	47	50	3	52	3	
22½		24	1	25	1	47½	51	1	53	1	
23		24	3	25	3	48	52	0	54	0	
23½		25	1	26	1	48½	52	2	54	2	
24		26	0	27	0	49	53	0	55	0	
24½		26	2	27	2	49½	53	2	55	2	
25		27	0	28	0	50	54	0	56	1	
25½		27	2	28	2						

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.			
	14		14½	
	F. Q.	F. Q.	F. Q.	F. Q.
1	1	0	1	0
1½	1	3	1	3
2	2	1	2	1
2½	2	3	3	0
3	3	2	3	2
3½	4	0	4	0
4	4	2	4	3
4½	5	1	5	1
5	5	3	6	0
5½	6	1	6	2
6	7	0	7	1
6½	7	2	7	3
7	8	0	8	1
7½	8	3	9	0
8	9	1	9	2
8½	9	3	10	1
9	10	2	10	3
9½	11	0	11	1
10	11	2	12	0
10½	12	1	12	2
11	12	3	13	1
11½	13	1	13	3
12	14	0	14	2
12½	14	2	15	0
13	15	0	15	2
13½	15	3	16	1
14	16	1	16	3
14½	16	3	17	2
15	17	2	18	0
15½	18	0	18	2
16	18	2	19	1
16½	19	1	19	3
17	19	3	20	2
17½	20	1	21	0
18	21	0	21	3
18½	21	2	22	1
19	22	0	22	3
19½	22	3	23	2
20	23	1	24	0
20½	23	3	24	3
21	24	2	25	1
21½	25	0	25	3
22	25	2	26	2
22½	26	1	27	0
23	26	3	27	3
23½	27	1	28	1
24	28	0	29	0
24½	28	2	29	2
25	29	0	30	0
25½	29	3	30	3

Feet long	Inches Broad.			
	14		14½	
	F. Q.	F. Q.	F. Q.	F. Q.
26	30	1	31	1
26½	30	3	32	0
27	31	2	32	2
27½	32	0	33	0
28	32	2	33	3
28½	33	1	34	1
29	33	3	35	0
29½	34	1	35	2
30	35	0	36	1
30½	35	2	36	3
31	36	0	37	1
31½	36	3	38	0
32	37	1	38	2
32½	37	3	39	1
33	38	2	39	3
33½	39	0	40	1
34	39	2	41	0
34½	40	1	41	2
35	40	3	42	1
35½	41	1	42	3
36	42	0	43	2
36½	42	2	44	0
37	43	0	44	2
37½	43	3	45	1
38	44	1	45	3
38½	44	3	46	2
39	45	2	47	0
39½	46	0	47	2
40	46	2	48	1
40½	47	1	48	3
41	47	3	49	2
41½	48	1	50	0
42	49	0	50	3
42½	49	2	51	1
43	50	0	51	3
43½	50	3	52	2
44	51	1	53	0
44½	51	3	53	3
45	52	2	54	1
45½	53	0	54	3
46	53	2	55	2
46½	54	1	56	0
47	54	3	56	3
47½	55	1	57	1
48	56	0	58	0
48½	56	2	58	2
49	57	0	59	0
49½	57	3	59	3
50	58	1	60	1

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	16	16½		16	16½
	F. Q.	F. Q.		F. Q.	F. Q.
1	1	1	26	34	2
1½	2	0	26½	35	1
2	2	2	27	36	0
2½	3	1	27½	36	2
3	4	0	28	37	1
3½	4	2	28½	38	0
4	5	1	29	38	2
4½	6	0	29½	39	1
5	6	2	30	40	0
5½	7	1	30½	40	2
6	8	0	31	41	1
6½	8	2	31½	42	0
7	9	1	32	42	2
7½	10	0	32½	43	1
8	10	2	33	44	0
8½	11	1	33½	44	2
9	12	0	34	45	1
9½	12	2	34½	46	0
10	13	1	35	46	2
10½	14	0	35½	47	1
11	14	2	36	48	0
11½	15	1	36½	48	2
12	16	0	37	49	1
12½	16	2	37½	50	0
13	17	1	38	50	2
13½	18	0	38½	51	1
14	18	2	39	52	0
14½	19	1	39½	52	2
15	20	0	40	53	1
15½	20	2	40½	54	0
16	21	1	41	54	2
16½	22	0	41½	55	1
17	22	2	42	56	0
17½	23	1	42½	56	2
18	24	0	43	57	1
18½	24	2	43½	58	0
19	25	1	44	58	2
19½	26	0	44½	59	1
20	26	2	45	60	0
20½	27	1	45½	60	2
21	28	0	46	61	1
21½	28	2	46½	62	0
22	29	1	47	62	2
22½	30	0	47½	63	1
23	30	2	48	64	0
23½	31	1	48½	64	2
24	32	0	49	65	1
24½	32	2	49½	66	0
25	33	1	50	66	2
25½	34	0			

A TABLE OF SUPERFICIAL MEASURE.

61

Feet long				Feet long			
		Inches Broad.				Inches Broad.	
		17	17½			17	17½
		F. Q.	F. Q.			F. Q.	F. Q.
1	1	1	1	26	36	3	37
1½	2	0	2	26½	37	2	38
2	2	3	2	27	38	1	39
2½	3	2	3	27½	38	3	40
3	4	1	4	28	39	2	40
3½	4	3	5	28½	40	1	41
4	5	2	5	29	41	0	42
4½	6	1	6	29½	41	3	43
5	7	0	7	30	42	2	43
5½	7	3	8	30½	43	0	44
6	8	2	8	31	43	3	45
6½	9	0	9	31½	44	2	45
7	9	3	10	32	45	1	46
7½	10	2	10	32½	46	0	47
8	11	1	11	33	46	3	48
8½	12	0	12	33½	47	1	48
9	12	3	13	34	48	0	49
9½	13	1	13	34½	48	3	50
10	14	0	14	35	49	2	51
10½	14	3	15	35½	50	1	51
11	15	2	16	36	51	0	52
11½	16	1	16	36½	51	2	53
12	17	0	17	37	52	1	53
12½	17	2	18	37½	53	0	54
13	18	1	18	38	53	3	55
13½	19	0	19	38½	54	2	56
14	19	3	20	39	55	1	56
14½	20	2	21	39½	55	3	57
15	21	1	21	40	56	2	58
15½	21	3	22	40½	57	1	59
16	22	2	23	41	58	0	59
16½	23	1	24	41½	58	3	60
17	24	0	24	42	59	2	61
17½	24	3	25	42½	60	0	61
18	25	2	26	43	60	3	62
18½	26	0	26	43½	61	2	63
19	26	3	27	44	62	1	64
19½	27	2	28	44½	63	0	64
20	28	1	29	45	63	3	65
20½	29	0	29	45½	64	1	66
21	29	3	30	46	65	0	67
21½	30	1	31	46½	65	3	67
22	31	0	32	47	66	2	68
22½	31	3	32	47½	67	1	69
23	32	2	33	48	68	0	70
23½	33	1	34	48½	68	2	70
24	34	0	35	49	69	1	71
24½	34	2	35	49½	70	0	72
25	35	1	36	50	70	3	72
25½	36	0	37				

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.			
	18		18½	
	F.	Q.	F.	Q.
1	1	2	1	2
1½	2	1	2	1
2	3	0	3	0
2½	3	3	3	3
3	4	2	4	2
3½	5	1	5	1
4	6	0	6	0
4½	6	3	6	3
5	7	2	7	2
5½	8	1	8	1
6	9	0	9	1
6½	9	3	10	0
7	10	2	10	3
7½	11	1	11	2
8	12	0	12	1
8½	12	3	13	0
9	13	2	13	3
9½	14	1	14	2
10	15	0	15	1
10½	15	3	16	0
11	16	2	16	3
11½	17	1	17	2
12	18	0	18	1
12½	18	3	19	0
13	19	2	20	0
13½	20	1	20	3
14	21	0	21	2
14½	21	3	22	1
15	22	2	23	0
15½	23	1	23	3
16	24	0	24	2
16½	24	3	25	1
17	25	2	26	0
17½	26	1	26	3
18	27	0	27	2
18½	27	3	28	1
19	28	2	29	0
19½	29	1	30	0
20	30	0	30	3
20½	30	3	31	2
21	31	2	32	1
21½	32	1	33	0
22	33	0	33	3
22½	33	3	34	2
23	34	2	35	1
23½	35	1	36	0
24	36	0	37	0
24½	36	3	37	3
25	37	2	38	2
25½	38	1	39	1

Feet long	Inches Broad.			
	18		18½	
	F.	Q.	F.	Q.
26	39	0	40	0
26½	39	3	40	3
27	40	2	41	2
27½	41	1	42	1
28	42	0	43	0
28½	42	3	43	3
29	43	2	44	2
29½	44	1	45	1
30	45	0	46	1
30½	45	3	47	0
31	46	2	47	3
31½	47	1	48	2
32	48	0	49	1
32½	48	3	50	0
33	49	2	50	3
33½	50	1	51	2
34	51	0	52	1
34½	51	3	53	0
35	52	2	53	3
35½	53	1	54	2
36	54	0	55	1
36½	54	3	56	0
37	55	2	57	0
37½	56	1	57	3
38	57	0	58	2
38½	57	3	59	1
39	58	2	60	0
39½	59	1	60	3
40	60	0	61	2
40½	60	3	62	1
41	61	2	63	0
41½	62	1	63	3
42	63	0	64	2
42½	63	3	65	1
43	64	2	66	0
43½	65	1	67	0
44	66	0	67	3
44½	66	3	68	2
45	67	2	69	1
45½	68	1	70	0
46	69	0	70	3
46½	69	3	71	2
47	70	2	72	1
47½	71	1	73	0
48	72	0	74	0
48½	72	3	74	3
49	73	2	75	2
49½	74	1	76	1
50	75	0	77	0

Feet long	Inches Broad.				Feet long	Inches Broad.			
	19		19½			19		19½	
	F.	Q.	F.	Q.		F.	Q.	F.	Q.
1	1	2	1	2	26	41	0	42	1
1½	2	1	2	1	26½	41	3	43	0
2	3	0	3	1	27	42	3	43	3
2½	3	3	4	0	27½	43	2	44	2
3	4	3	4	3	28	44	1	45	2
3½	5	2	5	2	28½	45	0	46	1
4	6	1	6	2	29	45	3	47	0
4½	7	0	7	1	29½	46	2	47	3
5	7	3	8	0	30	47	2	48	3
5½	8	2	8	3	30½	48	1	49	2
6	9	2	9	3	31	49	0	50	1
6½	10	1	10	2	31½	49	3	51	0
7	11	0	11	1	32	50	2	52	0
7½	11	3	12	0	32½	51	1	52	3
8	12	2	13	0	33	52	1	53	2
8½	13	1	13	3	33½	53	0	54	1
9	14	1	14	2	34	53	3	55	1
9½	15	0	15	1	34½	54	2	56	0
10	15	3	16	1	35	55	1	56	3
10½	16	2	17	0	35½	56	0	57	2
11	17	1	17	3	36	57	0	58	2
11½	18	0	18	2	36½	57	3	59	1
12	19	0	19	2	37	58	2	60	0
12½	19	3	20	1	37½	59	1	60	3
13	20	2	21	0	38	60	0	61	3
13½	21	1	21	3	38½	60	3	62	2
14	22	0	22	3	39	61	3	63	1
14½	22	3	23	2	39½	62	2	64	0
15	23	3	24	1	40	63	1	65	0
15½	24	2	25	0	40½	64	0	65	3
16	25	1	26	0	41	64	3	66	2
16½	26	0	26	3	41½	65	2	67	1
17	26	3	27	2	42	66	2	68	1
17½	27	2	28	1	42½	67	1	69	0
18	28	2	29	1	43	68	0	69	3
18½	29	1	30	0	43½	68	3	70	2
19	30	0	30	3	44	69	2	71	2
19½	30	3	31	2	44½	70	1	72	1
20	31	2	32	2	45	71	1	73	0
20½	32	1	33	1	45½	72	0	73	3
21	33	1	34	0	46	72	3	74	3
21½	34	0	34	3	46½	73	2	75	2
22	34	3	35	3	47	74	1	76	1
22½	35	2	36	2	47½	75	0	77	0
23	36	1	37	1	48	76	0	78	0
23½	37	0	38	0	48½	76	3	78	3
24	38	0	39	0	49	77	2	79	2
24½	38	3	39	3	49½	78	1	80	1
25	39	2	40	2	50	79	0	81	1
25½	40	1	41	1					

Feet long	Inches Broad.		Feet long	Inches Broad.	
	20	20 $\frac{1}{2}$		20	20 $\frac{1}{2}$
	F. Q.	F. Q.		F. Q.	F. Q.
1	1	2	26	43	1
1 $\frac{1}{2}$	2	2	26 $\frac{1}{2}$	44	0
2	3	1	27	45	0
2 $\frac{1}{2}$	4	0	27 $\frac{1}{2}$	45	3
3	5	0	28	46	2
3 $\frac{1}{2}$	5	3	28 $\frac{1}{2}$	47	2
4	6	2	29	48	1
4 $\frac{1}{2}$	7	2	29 $\frac{1}{2}$	49	0
5	8	1	30	50	0
5 $\frac{1}{2}$	9	0	30 $\frac{1}{2}$	50	3
6	10	0	31	51	2
6 $\frac{1}{2}$	10	3	31 $\frac{1}{2}$	52	2
7	11	2	32	53	1
7 $\frac{1}{2}$	12	2	32 $\frac{1}{2}$	54	0
8	13	1	33	55	0
8 $\frac{1}{2}$	14	0	33 $\frac{1}{2}$	55	3
9	15	0	34	56	2
9 $\frac{1}{2}$	15	3	34 $\frac{1}{2}$	57	2
10	16	2	35	58	1
10 $\frac{1}{2}$	17	2	35 $\frac{1}{2}$	59	0
11	18	1	36	60	0
11 $\frac{1}{2}$	19	0	36 $\frac{1}{2}$	60	3
12	20	0	37	61	2
12 $\frac{1}{2}$	20	3	37 $\frac{1}{2}$	62	2
13	21	2	38	63	1
13 $\frac{1}{2}$	22	2	38 $\frac{1}{2}$	64	0
14	23	1	39	65	0
14 $\frac{1}{2}$	24	0	39 $\frac{1}{2}$	65	3
15	25	0	40	66	2
15 $\frac{1}{2}$	25	3	40 $\frac{1}{2}$	67	2
16	26	2	41	68	1
16 $\frac{1}{2}$	27	2	41 $\frac{1}{2}$	69	0
17	28	1	42	70	0
17 $\frac{1}{2}$	29	0	42 $\frac{1}{2}$	70	3
18	30	0	43	71	2
18 $\frac{1}{2}$	30	3	43 $\frac{1}{2}$	72	2
19	31	2	44	73	1
19 $\frac{1}{2}$	32	2	44 $\frac{1}{2}$	74	0
20	33	1	45	75	0
20 $\frac{1}{2}$	34	0	45 $\frac{1}{2}$	75	3
21	35	0	46	76	2
21 $\frac{1}{2}$	35	3	46 $\frac{1}{2}$	77	2
22	36	2	47	78	1
22 $\frac{1}{2}$	37	2	47 $\frac{1}{2}$	79	0
23	38	1	48	80	0
23 $\frac{1}{2}$	39	0	48 $\frac{1}{2}$	80	3
24	40	0	49	81	2
24 $\frac{1}{2}$	40	3	49 $\frac{1}{2}$	82	2
25	41	2	50	83	1
25 $\frac{1}{2}$	42	2			

A TABLE OF SUPERFICIAL MEASURE.

65

Feet long	Inches Broad.	
	21	21½
F. Q.	F. Q.	F. Q.
1	1 3	1 3
1½	2 2	2 2
2	3 2	3 2
2½	4 1	4 1
3	5 1	5 1
3½	6 0	6 1
4	7 0	7 0
4½	7 3	8 0
5	8 3	8 3
5½	9 2	9 3
6	10 2	10 3
6½	11 1	11 2
7	12 1	12 2
7½	13 0	13 1
8	14 0	14 1
8½	14 3	15 0
9	15 3	16 0
9½	16 2	17 0
10	17 2	17 3
10½	18 1	18 3
11	19 1	19 2
11½	20 0	20 2
12	21 0	21 2
12½	21 3	22 1
13	22 3	23 1
13½	23 2	24 0
14	24 2	25 0
14½	25 1	25 3
15	26 1	26 3
15½	27 0	27 3
16	28 0	28 2
16½	28 3	29 2
17	29 3	30 1
17½	30 2	31 1
18	31 2	32 1
18½	32 1	33 0
19	33 1	34 0
19½	34 0	34 3
20	35 0	35 3
20½	35 3	36 2
21	36 3	37 2
21½	37 2	38 2
22	38 2	39 1
22½	39 1	40 1
23	40 1	41 0
23½	41 0	42 0
24	42 0	43 0
24½	42 3	43 3
25	43 3	44 3
25½	44 2	45 2

Feet long	Inches Broad.	
	21	21½
F. Q.	F. Q.	F. Q.
26	45 2	46 2
26½	46 1	47 1
27	47 1	48 1
27½	48 0	49 1
28	49 0	50 0
28½	49 3	51 0
29	50 3	51 3
29½	51 2	52 3
30	52 2	53 3
30½	53 1	54 2
31	54 1	55 2
31½	55 0	56 1
32	56 0	57 1
32½	56 3	58 0
33	57 3	59 0
33½	58 2	60 0
34	59 2	60 3
34½	60 1	61 3
35	61 1	62 2
35½	62 0	63 2
36	63 0	64 2
36½	63 3	65 1
37	64 3	66 1
37½	65 2	67 0
38	66 2	68 0
38½	67 1	68 3
39	68 1	69 3
39½	69 0	70 3
40	70 0	71 2
40½	70 3	72 2
41	71 3	73 1
41½	72 2	74 1
42	73 2	75 1
42½	74 1	76 0
43	75 1	77 0
43½	76 0	77 3
44	77 0	78 3
44½	77 3	79 2
45	78 3	80 2
45½	79 2	81 2
46	80 2	82 1
46½	81 1	83 1
47	82 1	84 0
47½	83 0	85 0
48	84 0	86 0
48½	84 3	86 3
49	85 3	87 3
49½	86 2	88 2
50	87 2	89 2

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	22	22½		22	22½
	F. Q.	F. Q.		F. Q.	F. Q.
1	1 3	1 3	26	47 2	48 3
1½	2 3	2 3	26½	48 2	49 2
2	3 2	3 3	27	49 2	50 2
2½	4 2	4 2	27½	50 1	51 2
3	5 2	5 2	28	51 1	52 2
3½	6 1	6 2	28½	52 1	53 1
4	7 1	7 2	29	53 0	54 1
4½	8 1	8 1	29½	54 0	55 1
5	9 0	9 1	30	55 0	56 1
5½	10 0	10 1	30½	55 3	57 0
6	11 0	11 1	31	56 3	58 0
6½	11 3	12 0	31½	57 3	59 0
7	12 3	13 0	32	58 2	60 0
7½	13 3	14 0	32½	59 2	60 3
8	14 2	15 0	33	60 2	61 3
8½	15 2	15 3	33½	61 1	62 3
9	16 2	16 3	34	62 1	63 3
9½	17 1	17 3	34½	63 1	64 2
10	18 1	18 3	35	64 0	65 2
10½	19 1	19 2	35½	65 0	66 2
11	20 0	20 2	36	66 0	67 2
11½	21 0	21 2	36½	66 3	68 1
12	22 0	22 2	37	67 3	69 1
12½	22 3	23 1	37½	68 3	70 1
13	23 3	24 1	38	69 2	71 1
13½	24 3	25 1	38½	70 2	72 0
14	25 2	26 1	39	71 2	73 0
14½	26 2	27 0	39½	72 1	74 0
15	27 2	28 0	40	73 1	75 0
15½	28 1	29 0	40½	74 1	75 3
16	29 1	30 0	41	75 0	76 3
16½	30 1	30 3	41½	76 0	77 3
17	31 0	31 3	42	77 0	78 3
17½	32 0	32 3	42½	77 3	79 2
18	33 0	33 3	43	78 3	80 2
18½	33 3	34 2	43½	79 3	81 2
19	34 3	35 2	44	80 2	82 2
19½	35 3	36 2	44½	81 2	83 1
20	36 2	37 2	45	82 2	84 1
20½	37 2	38 1	45½	83 1	85 1
21	38 2	39 1	46	84 1	86 1
21½	39 1	40 1	46½	85 1	87 0
22	40 1	41 1	47	86 0	88 0
22½	41 1	42 0	47½	87 0	89 0
23	42 0	43 0	48	88 0	90 0
23½	43 0	44 0	48½	88 3	90 3
24	44 0	45 0	49	89 3	91 3
24½	44 3	45 3	49½	90 3	92 3
25	45 3	46 3	50	91 2	93 3
25½	46 3	47 3			

Feet		Inches Broad.			
long	23	23½		23	23½
		F. Q.	F. Q.		
1	1	3	1	3	
1½	2	3	2	3	
2	3	3	3	3	
2½	4	3	4	3	
3	5	3	5	3	
3½	6	2	6	3	
4	7	2	7	3	
4½	8	2	8	3	
5	9	2	9	3	
5½	10	2	10	3	
6	11	2	11	3	
6½	12	1	12	2	
7	13	1	13	2	
7½	14	1	14	2	
8	15	1	15	2	
8½	16	1	16	2	
9	17	1	17	2	
9½	18	0	18	2	
10	19	0	19	2	
10½	20	0	20	2	
11	21	0	21	2	
11½	22	0	22	2	
12	23	0	23	2	
12½	23	3	24	1	
13	24	3	25	1	
13½	25	3	26	1	
14	26	3	27	1	
14½	27	3	28	1	
15	28	3	29	1	
15½	29	2	30	1	
16	30	2	31	1	
16½	31	2	32	1	
17	32	2	33	1	
17½	33	2	34	1	
18	34	2	35	1	
18½	35	1	36	0	
19	36	1	37	0	
19½	37	1	38	0	
20	38	1	39	0	
20½	39	1	40	0	
21	40	1	41	0	
21½	41	0	42	0	
22	42	0	43	0	
22½	43	0	44	0	
23	44	0	45	0	
23½	45	0	46	0	
24	46	0	47	0	
24½	46	3	47	3	
25	47	3	48	3	
25½	48	3	49	3	

Feet		Inches Broad.			
long	23	23½		23	23½
		F. Q.	F. Q.		
26	49	3	50	3	
26½	50	3	51	3	
27	51	3	52	3	
27½	52	2	53	3	
28	53	2	54	3	
28½	54	2	55	3	
29	55	2	56	3	
29½	56	2	57	3	
30	57	2	58	3	
30½	58	1	59	2	
31	59	1	60	2	
31½	60	1	61	2	
32	61	1	62	2	
32½	62	1	63	2	
33	63	1	64	2	
33½	64	0	65	2	
34	65	0	66	2	
34½	66	0	67	2	
35	67	0	68	2	
35½	68	0	69	2	
36	69	0	70	2	
36½	69	3	71	1	
37	70	3	72	1	
37½	71	3	73	1	
38	72	3	74	1	
38½	73	3	75	1	
39	74	3	76	1	
39½	75	2	77	1	
40	76	2	78	1	
40½	77	2	79	1	
41	78	2	80	1	
41½	79	2	81	1	
42	80	2	82	1	
42½	81	1	83	0	
43	82	1	84	0	
43½	83	1	85	0	
44	84	1	86	0	
44½	85	1	87	0	
45	86	1	88	0	
45½	87	0	89	0	
46	88	0	90	0	
46½	89	0	91	0	
47	90	0	92	0	
47½	91	0	93	0	
48	92	0	94	0	
48½	92	3	94	3	
49	93	3	95	3	
49½	94	3	96	3	
50	95	3	97	3	

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	24	24½		24	24½
	F. Q.	F. Q.		F. Q.	F. Q.
1	2	0	26	52	0
1½	3	0	26½	53	0
2	4	0	27	54	0
2½	5	0	27½	55	0
3	6	0	28	56	0
3½	7	0	28½	57	0
4	8	0	29	58	0
4½	9	0	29½	59	0
5	10	0	30	60	0
5½	11	0	30½	61	0
6	12	0	31	62	0
6½	13	0	31½	63	0
7	14	0	32	64	0
7½	15	0	32½	65	0
8	16	0	33	66	0
8½	17	0	33½	67	0
9	18	0	34	68	0
9½	19	0	34½	69	0
10	20	0	35	70	0
10½	21	0	35½	71	0
11	22	0	36	72	0
11½	23	0	36½	73	0
12	24	0	37	74	0
12½	25	0	37½	75	0
13	26	0	38	76	0
13½	27	0	38½	77	0
14	28	0	39	78	0
14½	29	0	39½	79	0
15	30	0	40	80	0
15½	31	0	40½	81	0
16	32	0	41	82	0
16½	33	0	41½	83	0
17	34	0	42	84	0
17½	35	0	42½	85	0
18	36	0	43	86	0
18½	37	0	43½	87	0
19	38	0	44	88	0
19½	39	0	44½	89	0
20	40	0	45	90	0
20½	41	0	45½	91	0
21	42	0	46	92	0
21½	43	0	46½	93	0
22	44	0	47	94	0
22½	45	0	47½	95	0
23	46	0	48	96	0
23½	47	0	48½	97	0
24	48	0	49	98	0
24½	49	0	49½	99	0
25	50	0	50	100	0
25½	51	0			
	52	0			

A TABLE OF SUPERFICIAL MEASURE.

69

Feet long	Inches Broad.		Feet long	Inches Broad.	
	25	25½		25	25½
	F. Q.	F. Q.		F. Q.	F. Q.
1	2 0	2 0	26	54 0	55 1
1½	3 0	3 0	26½	55 0	56 1
2	4 0	4 1	27	56 1	57 1
2½	5 0	5 1	27½	57 1	58 1
3	6 1	6 1	28	58 1	59 2
3½	7 1	7 1	28½	59 1	60 2
4	8 1	8 2	29	60 1	61 2
4½	9 1	9 2	29½	61 1	62 2
5	10 1	10 2	30	62 2	63 3
5½	11 1	11 2	30½	63 2	64 3
6	12 2	12 3	31	64 2	65 3
6½	13 2	13 3	31½	65 2	66 3
7	14 2	14 3	32	66 2	68 0
7½	15 2	15 3	32½	67 2	69 0
8	16 2	17 0	33	68 3	70 0
8½	17 2	18 0	33½	69 3	71 0
9	18 3	19 0	34	70 3	72 1
9½	19 3	20 0	34½	71 3	73 1
10	20 3	21 1	35	72 3	74 1
10½	21 3	22 1	35½	73 3	75 1
11	22 3	23 1	36	75 0	76 2
11½	23 3	24 1	36½	76 0	77 2
12	25 0	25 2	37	77 0	78 2
12½	26 0	26 2	37½	78 0	79 2
13	27 0	27 2	38	79 0	80 3
13½	28 0	28 2	38½	80 0	81 3
14	29 0	29 3	39	81 1	82 3
14½	30 0	30 3	39½	82 1	83 3
15	31 1	31 3	40	83 1	85 0
15½	32 1	32 3			
16	33 1	34 0			
16½	34 1	35 0			
17	35 1	36 0			
17½	36 1	37 0			
18	37 2	38 1			
18½	38 2	39 1			
19	39 2	40 1			
19½	40 2	41 1			
20	41 2	42 2			
20½	42 2	43 2			
21	43 3	44 2			
21½	44 3	45 2			
22	45 3	46 3			
22½	46 3	47 3			
23	47 3	48 3			
23½	48 3	49 3			
24	50 0	51 0			
24½	51 0	52 0			
25	52 0	53 0			
25½	53 0	54 0			

A TABLE OF SUPERFICIAL MEASURE.

Feet Inches Broad.				Feet Inches Broad.			
long	26		26½	long	26		26½
	F. Q.	F. Q.			F. Q.	F. Q.	
1	2	0	2 0	26	56	1	57 1
1½	3	1	3 1	26½	57	1	58 2
2	4	1	4 1	27	58	2	59 2
2½	5	1	5 2	27½	59	2	60 2
3	6	2	6 2	28	60	2	61 3
3½	7	2	7 2	28½	61	3	62 3
4	8	2	8 3	29	62	3	64 0
4½	9	3	9 3	29½	63	3	65 0
5	10	3	11 0	30	65	0	66 1
5½	11	3	12 0	30½	66	0	67 1
6	13	0	13 1	31	67	0	68 1
6½	14	0	14 1	31½	68	1	69 2
7	15	0	15 1	32	69	1	70 2
7½	16	1	16 2	32½	70	1	71 3
8	17	1	17 2	33	71	2	72 3
8½	18	1	18 3	33½	72	2	73 3
9	19	2	19 3	34	73	2	75 0
9½	20	2	20 3	34½	74	3	76 0
10	21	2	22 0	35	75	3	77 1
10½	22	3	23 0	35½	76	3	78 1
11	23	3	24 1	36	78	0	79 2
11½	24	3	25 1	36½	79	0	80 2
12	26	0	26 2	37	80	0	81 2
12½	27	0	27 2	37½	81	1	82 3
13	28	0	28 2	38	82	1	83 3
13½	29	1	29 3	38½	83	1	85 0
14	30	1	30 3	39	84	2	86 0
14½	31	1	32 0	39½	85	2	87 0
15	32	2	33 0	40	86	2	88 1
15½	33	2	34 0				
16	34	2	35 1				
16½	35	3	36 1				
17	36	3	37 2				
17½	37	3	38 2				
18	39	0	39 3				
18½	40	0	40 3				
19	41	0	41 3				
19½	42	1	43 0				
20	43	1	44 0				
20½	44	1	45 1				
21	45	2	46 1				
21½	46	2	47 1				
22	47	2	48 2				
22½	48	3	49 2				
23	49	3	50 3				
23½	50	3	51 3				
24	52	0	53 0				
24½	53	0	54 0				
25	54	0	55 0				
25½	55	1	56 1				

A TABLE OF SUPERFICIAL MEASURE.

71

Feet long	Inches Broad.		Feet long	Inches Broad.	
	27	27½		27	27½
	F. Q.	F. Q.		F. Q.	F. Q.
1	2 1	2 1	26	58 2	59 2
1½	3 1	3 1	26½	59 2	60 2
2	4 2	4 2	27	60 3	61 3
2½	5 2	5 2	27½	61 3	63 0
3	6 3	6 3	28	63 0	64 0
3½	7 3	8 0	28½	64 0	65 1
4	9 0	9 0	29	65 1	66 1
4½	10 0	10 1	29½	66 1	67 2
5	11 1	11 1	30	67 2	68 3
5½	12 1	12 2	30½	68 2	69 3
6	13 2	13 3	31	69 3	71 0
6½	14 2	14 3	31½	70 3	72 0
7	15 3	16 0	32	72 0	73 1
7½	16 3	17 0	32½	73 0	74 1
8	18 0	18 1	33	74 1	75 2
8½	19 0	19 1	33½	75 1	76 3
9	20 1	20 2	34	76 2	77 3
9½	21 1	21 3	34½	77 2	79 0
10	22 2	22 3	35	78 3	80 0
10½	23 2	24 0	35½	79 3	81 1
11	24 3	25 0	36	81 0	82 2
11½	25 3	26 1	36½	82 0	83 2
12	27 0	27 2	37	83 1	84 3
12½	28 0	28 2	37½	84 1	85 3
13	29 1	29 3	38	85 2	87 0
13½	30 1	30 3	38½	86 2	88 0
14	31 2	32 0	39	87 3	89 1
14½	32 2	33 0	39½	88 3	90 2
15	33 3	34 1	40	90 0	91 2
15½	34 3	35 2			
16	36 0	36 2			
16½	37 0	37 3			
17	38 1	38 3			
17½	39 1	40 0			
18	40 2	41 1			
18½	41 2	42 1			
19	42 3	43 2			
19½	43 3	44 2			
20	45 0	45 3			
20½	46 0	46 3			
21	47 1	48 0			
21½	48 1	49 1			
22	49 2	50 1			
22½	50 2	51 2			
23	51 3	52 2			
23½	52 3	53 3			
24	54 0	55 0			
24½	55 0	56 0			
25	56 1	57 1			
25½	57 1	58 1			

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.			
	28		28½	
	F. Q.	F. Q.	F. Q.	F. Q.
1	2	1	2	1
1½	3	2	3	2
2	4	2	4	3
2½	5	3	5	3
3	7	0	7	0
3½	8	0	8	1
4	9	1	9	2
4½	10	2	10	2
5	11	2	11	3
5½	12	3	12	0
6	14	0	14	1
6½	15	0	15	1
7	16	1	16	2
7½	17	2	17	3
8	18	2	18	0
8½	19	3	19	0
9	21	0	21	1
9½	22	0	22	2
10	23	1	23	3
10½	24	2	24	3
11	25	2	25	0
11½	26	3	26	1
12	28	0	28	2
12½	29	0	29	2
13	30	1	30	3
13½	31	2	31	0
14	32	2	32	1
14½	33	3	33	1
15	35	0	35	2
15½	36	0	36	3
16	37	1	37	0
16½	38	2	38	0
17	39	2	39	1
17½	40	3	40	2
18	42	0	42	3
18½	43	0	43	3
19	44	1	44	0
19½	45	2	45	1
20	46	2	46	2
20½	47	3	47	2
21	49	0	49	3
21½	50	0	50	0
22	51	1	51	1
22½	52	2	52	1
23	53	2	53	2
23½	54	3	54	3
24	56	0	56	0
24½	57	0	57	0
25	58	1	58	1
25½	59	2	59	2

Feet long	Inches Broad.			
	28		28½	
	F. Q.	F. Q.	F. Q.	F. Q.
26	60	2	61	3
26½	61	3	62	3
27	63	0	64	0
27½	64	0	65	1
28	65	1	66	2
28½	66	2	67	2
29	67	2	68	3
29½	68	3	70	0
30	70	0	71	1
30½	71	0	72	1
31	72	1	73	2
31½	73	2	74	3
32	74	2	76	0
32½	75	3	77	0
33	77	0	78	1
33½	78	0	79	2
34	79	1	80	3
34½	80	2	81	3
35	81	2	83	0
35½	82	3	84	1
36	84	0	85	2
36½	85	0	86	2
37	86	1	87	3
37½	87	2	89	0
38	88	2	90	1
38½	89	3	91	1
39	91	0	92	2
39½	92	0	93	3
40	93	1	95	0

A TABLE OF SUPERFICIAL MEASURE.

73

Feet long	Inches Broad.		Feet long	Inches Broad.	
	29	29½		29	29½
	F. Q.	F. Q.		F. Q.	F. Q.
1	2	1	2	1	
1½	3	2	3	2	
2	4	3	4	3	
2½	6	0	6	0	
3	7	1	7	1	
3½	8	1	8	2	
4	9	2	9	3	
4½	10	3	11	0	
5	12	0	12	1	
5½	13	1	13	2	
6	14	2	14	3	
6½	15	2	15	3	
7	16	3	17	0	
7½	18	0	18	1	
8	19	1	19	2	
8½	20	2	20	3	
9	21	3	22	0	
9½	22	3	23	1	
10	24	0	24	2	
10½	25	1	25	3	
11	26	2	27	0	
11½	27	3	28	1	
12	29	0	29	2	
12½	30	0	30	2	
13	31	1	31	3	
13½	32	2	33	0	
14	33	3	34	1	
14½	35	0	35	2	
15	36	1	36	3	
15½	37	1	38	0	
16	38	2	39	1	
16½	39	3	40	2	
17	41	0	41	3	
17½	42	1	43	0	
18	43	2	44	1	
18½	44	2	45	1	
19	45	3	46	2	
19½	47	0	47	3	
20	48	1	49	0	
20½	49	2	50	1	
21	50	3	51	2	
21½	51	3	52	3	
22	53	0	54	0	
22½	54	1	55	1	
23	55	2	56	2	
23½	56	3	57	3	
24	58	0	59	0	
24½	59	0	60	0	
25	60	1	61	1	
25½	61	2	62	2	
26	62	3	63	3	
26½	64	0	65	0	
27	65	1	66	1	
27½	66	1	67	2	
28	67	2	68	3	
28½	68	3	70	0	
29	70	0	71	1	
29½	71	1	72	1	
30	72	2	73	3	
30½	73	2	74	3	
31	74	3	76	0	
31½	76	0	77	1	
32	77	1	78	2	
32½	78	2	79	3	
33	79	3	81	0	
33½	80	3	82	1	
34	82	0	83	2	
34½	83	1	84	3	
35	84	2	86	0	
35½	85	3	87	0	
36	87	0	88	2	
36½	88	0	89	2	
37	89	1	90	3	
37½	90	2	92	0	
38	91	3	93	1	
38½	93	0	94	2	
39	94	1	95	3	
39½	95	1	97	0	
40	96	2	98	1	

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.		Feet long	Inches Broad.	
	30	30½		30	30½
	F. Q.	F. Q.		F. Q.	F. Q.
1	2	2	2	2	2
1½	3	3	3	3	3
2	5	0	5	0	0
2½	6	1	6	1	1
3	7	2	7	2	2
3½	8	3	8	3	3
4	10	0	10	0	0
4½	11	1	11	1	1
5	12	2	12	2	2
5½	13	3	13	3	3
6	15	0	15	1	1
6½	16	1	16	2	2
7	17	2	17	3	3
7½	18	3	19	0	0
8	20	0	20	1	1
8½	21	1	21	2	2
9	22	2	22	3	3
9½	23	3	24	0	0
10	25	0	25	1	1
10½	26	1	26	2	2
11	27	2	27	3	3
11½	28	3	29	0	0
12	30	0	30	1	1
12½	31	1	31	2	2
13	32	2	33	0	0
13½	33	3	34	1	1
14	35	0	35	2	2
14½	36	1	36	3	3
15	37	2	38	0	0
15½	38	3	39	1	1
16	40	0	40	2	2
16½	41	1	41	3	3
17	42	2	43	0	0
17½	43	3	44	1	1
18	45	0	45	2	2
18½	46	1	47	0	0
19	47	2	48	1	1
19½	48	3	49	2	2
20	50	0	50	3	3
20½	51	1	52	0	0
21	52	2	53	1	1
21½	53	3	54	2	2
22	55	0	55	3	3
22½	56	1	57	0	0
23	57	2	58	1	1
23½	58	3	59	2	2
24	60	0	61	0	0
24½	61	1	62	1	1
25	62	2	63	2	2
25½	63	3	64	3	3
26	65	0	66	0	0
26½	66	1	67	1	1
27	67	2	68	2	2
27½	68	3	69	3	3
28	70	0	71	0	0
28½	71	1	72	1	1
29	72	2	73	2	2
29½	73	3	74	3	3
30	75	0	76	1	1
30½	76	1	77	2	2
31	77	2	78	3	3
31½	78	3	80	0	0
32	80	0	81	1	1
32½	81	1	82	2	2
33	82	2	83	3	3
33½	83	3	85	0	0
34	85	0	86	1	1
34½	86	1	87	2	2
35	87	2	88	3	3
35½	88	3	90	0	0
36	90	0	91	1	1
36½	91	1	92	2	2
37	92	2	94	0	0
37½	93	3	95	1	1
38	95	0	96	2	2
38½	96	1	97	3	3
39	97	2	99	0	0
39½	98	3	100	1	1
40	100	0	101	2	2

A TABLE OF SUPERFICIAL MEASURE.

75

Feet long	Inches Broad.				Feet long	Inches Broad.			
	31	31½	32	32½		33	33½	34	34½
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	2 2	2 2	2 2	2 2	1	2 3	2 3	2 3	2 3
1½	3 3	3 3	4 0	4 0	1½	4 0	4 0	4 1	4 1
2	5 0	5 1	5 1	5 1	2	5 1	5 2	5 2	5 3
2½	6 1	6 2	6 2	6 3	2½	6 3	6 3	7 0	7 0
3	7 3	7 3	8 0	8 0	3	8 1	8 1	8 2	8 2
3½	9 0	9 0	9 1	9 1	3½	9 2	9 3	9 3	10 0
4	10 1	10 2	10 2	10 3	4	11 0	11 0	11 1	11 1
4½	11 2	11 3	12 0	12 0	4½	12 1	12 2	12 3	12 3
5	12 3	13 0	13 1	13 2	5	13 3	13 3	14 0	14 1
5½	14 0	14 1	14 2	14 3	5½	15 0	15 1	15 2	15 3
6	15 2	15 3	16 0	16 1	6	16 2	16 3	17 0	17 1
6½	16 3	17 0	17 1	17 2	6½	17 3	18 0	18 1	18 2
7	18 0	18 1	18 2	18 3	7	19 1	19 2	19 3	20 0
7½	19 1	19 2	20 0	20 1	7½	20 2	20 3	21 1	21 2
8	20 2	21 0	21 1	21 2	8	22 0	22 1	22 2	23 0
8½	21 3	22 1	22 2	23 0	8½	23 1	23 2	24 0	24 1
9	23 1	23 2	24 0	24 1	9	24 3	25 0	25 2	25 3
9½	24 2	24 3	25 1	25 2	9½	26 0	26 2	26 3	27 1
10	25 3	26 1	26 2	27 0	10	27 2	27 3	28 1	28 3
10½	27 0	27 2	28 0	28 1	10½	28 3	29 1	29 3	30 0
11	28 1	28 3	29 1	29 3	11	30 1	30 2	31 0	31 2
11½	29 2	30 0	30 2	31 0	11½	31 2	32 0	32 2	33 0
12	31 0	31 2	32 0	32 2	12	33 0	33 2	34 0	34 2
12½	32 1	32 3	33 1	33 3	12½	34 1	34 3	35 1	35 3
13	33 2	34 0	34 2	35 0	13	35 3	36 1	36 3	37 1
13½	34 3	35 1	36 0	36 2	13½	37 0	37 2	38 1	38 3
14	36 0	36 3	37 1	37 3	14	38 2	39 0	39 2	40 1
14½	37 1	38 0	38 2	39 1	14½	39 3	40 1	41 0	41 2
15	38 3	39 1	40 0	40 2	15	41 1	41 3	42 2	43 0
15½	40 0	40 2	41 1	41 3	15½	42 2	43 1	43 3	44 2
16	41 1	42 0	42 2	43 1	16	44 0	44 2	45 1	46 0
16½	42 2	43 1	44 0	44 2	16½	45 1	46 0	46 3	47 1
17	43 3	44 2	45 1	46 0	17	46 3	47 1	48 0	48 3
17½	45 0	45 3	46 2	47 1	17½	48 0	48 3	49 2	50 1
18	46 2	47 1	48 0	48 3	18	49 2	50 1	51 0	51 3
18½	47 3	48 2	49 1	50 0	18½	50 3	51 2	52 1	53 0
19	49 0	49 3	50 2	51 1	19	52 1	53 0	53 3	54 2
19½	50 1	51 0	52 0	52 3	19½	53 2	54 1	55 1	56 0
20	51 2	52 1	53 1	54 0	20	55 0	55 3	56 2	57 1
20½	52 3	53 3	54 2	55 2	20½	56 1	57 0	58 0	58 3
21	54 1	55 0	56 0	56 3	21	57 3	58 2	59 2	60 1
21½	55 2	56 1	57 1	58 0	21½	59 0	60 0	60 3	61 3
22	56 3	57 3	58 2	59 2	22	60 2	61 1	62 1	63 1
22½	58 0	59 0	60 0	60 3	22½	61 3	62 3	63 3	64 2
23	59 1	60 1	61 1	62 1	23	63 1	64 0	65 0	66 0
23½	60 2	61 2	62 2	63 2	23½	64 2	65 2	66 2	67 2
24	62 0	63 0	64 0	65 0	24	66 0	67 0	68 0	69 0
24½	63 1	64 1	65 1	66 1	24½	67 1	68 1	69 1	70 1
25	64 2	65 2	66 2	67 2	25	68 3	69 3	70 3	71 3

A TABLE OF SUPERFICIAL MEASURE.

Feet long	Inches Broad.				Feet long	Inches Broad.			
	25	35½	36	36½		37	37½	38	38½
	F. Q.	F. Q.	F. Q.	F. Q.		F. Q.	F. Q.	F. Q.	F. Q.
1	2 3	2 3	3 0	3 0	1	3 0	3 0	3 0	3 0
1½	4 1	4 1	4 2	4 2	1½	4 2	4 2	4 3	4 3
2	5 3	5 3	6 0	6 0	2	6 0	6 1	6 1	6 1
2½	7 1	7 1	7 2	7 2	2½	7 2	7 3	7 3	8 0
3	8 3	8 3	9 0	9 0	3	9 1	9 1	9 2	9 2
3½	10 0	10 1	10 2	10 2	3½	10 3	10 3	11 0	11 0
4	11 2	11 3	12 0	12 0	4	12 1	12 2	12 2	12 3
4½	13 0	13 1	13 2	13 2	4½	13 3	14 0	14 1	14 1
5	14 2	14 3	15 0	15 0	5	15 1	15 2	15 3	16 0
5½	16 0	16 1	16 2	16 2	5½	16 3	17 0	17 1	17 2
6	17 2	17 3	18 0	18 1	6	18 2	18 3	19 0	19 1
6½	18 3	19 0	19 2	19 3	6½	20 0	20 1	20 2	20 3
7	20 1	20 2	21 0	21 1	7	21 2	21 3	22 0	22 1
7½	21 3	22 0	22 2	22 3	7½	23 0	23 1	23 3	24 0
8	23 1	23 2	24 0	24 1	8	24 2	25 0	25 1	25 2
8½	24 3	25 0	25 2	25 3	8½	26 0	26 2	26 3	27 1
9	26 1	26 2	27 0	27 1	9	27 3	28 0	28 2	28 3
9½	27 2	28 0	28 2	28 3	9½	29 1	29 2	30 0	30 1
10	29 0	29 2	30 0	30 1	10	30 3	31 1	31 2	32 0
10½	30 2	31 0	31 2	31 3	10½	32 1	32 3	33 1	33 2
11	32 0	32 2	33 0	33 1	11	33 3	34 1	34 3	35 1
11½	33 2	34 0	34 2	34 3	11½	35 1	35 3	36 1	36 3
12	35 0	35 2	36 0	36 2	12	37 0	37 2	38 0	38 2
12½	36 1	36 3	37 2	38 0	12½	38 2	39 0	39 2	40 0
13	37 3	38 1	39 0	39 2	13	40 0	40 2	41 0	41 2
13½	39 3	39 3	40 2	41 0	13½	41 2	42 0	42 3	43 1
14	40 3	41 1	42 0	42 2	14	43 0	43 3	44 1	44 3
14½	42 1	42 3	43 2	44 0	14½	44 2	45 1	45 3	46 2
15	43 3	44 1	45 0	45 2	15	46 1	46 3	47 2	48 0
15½	45 0	45 3	46 2	47 0	15½	47 3	48 1	49 0	49 2
16	46 2	47 1	48 0	48 2	16	49 1	50 0	50 2	51 1
16½	48 0	48 3	49 2	50 0	16½	50 3	51 2	52 1	52 3
17	49 2	50 1	51 0	51 2	17	52 1	53 0	53 3	54 2
17½	51 0	51 3	52 2	53 0	17½	53 3	54 2	55 1	56 0
18	52 2	53 1	54 0	54 3	18	55 2	56 1	57 0	57 3
18½	53 3	54 2	55 2	56 1	18½	57 0	57 3	58 2	59 1
19	55 1	56 2	57 0	57 3	19	58 2	59 1	60 0	60 3
19½	56 3	57 2	58 2	59 1	19½	60 0	60 3	61 3	62 2
20	58 1	59 0	60 0	60 3	20	61 2	62 2	63 1	64 0
20½	59 3	60 2	61 2	62 1	20½	63 0	64 0	64 3	65 3
21	61 1	62 1	63 0	63 3	21	64 3	65 2	66 2	67 1
21½	62 2	63 2	64 2	65 1	21½	66 1	67 0	68 0	68 3
22	64 0	65 0	66 0	66 3	22	67 3	68 3	69 2	70 2
22½	65 2	66 2	67 2	68 1	22½	69 1	70 1	71 1	72 0
23	67 0	68 0	69 0	69 3	23	70 3	71 3	72 3	73 3
23½	68 2	69 2	70 2	71 1	23½	72 1	73 1	74 1	75 1
24	70 0	71 0	72 0	73 0	24	74 0	75 0	76 0	77 0
24½	71 1	72 1	73 2	74 2	24½	75 2	76 2	77 2	78 2
25	72 3	73 3	75 0	76 0	25	77 0	78 0	79 0	80 0

A TABLE OF SUPERFICIAL MEASURE.

77

Feet		Inches Broad.								Feet		Inches Broad.							
long		39		39½		40		40½		long		41		41½		42			
		F.	Q.	F.	Q.	F.	Q.	F.	Q.			F.	Q.	F.	Q.	F.	Q.		
1		3	1	3	1	3	1	3	1	1		3	1	3	1	3	2		
1½		4	3	4	3	5	0	5	0	1½		5	0	5	0	5	1		
2		6	2	6	2	6	2	6	3	2		6	3	6	3	7	0		
2½		8	0	8	0	8	1	8	1	2½		8	2	8	2	8	3		
3		9	3	9	3	10	0	10	0	3		10	1	10	1	10	2		
3½		11	1	11	2	11	2	11	3	3½		11	3	12	0	12	1		
4		13	0	13	0	13	1	13	2	4		13	2	13	3	14	0		
4½		14	2	14	3	15	0	15	0	4½		15	1	15	2	15	3		
5		16	1	16	1	16	2	16	3	5		17	0	17	1	17	2		
5½		17	3	18	0	18	1	18	2	5½		18	3	19	0	19	1		
6		19	2	19	3	20	0	20	1	6		20	2	20	3	21	0		
6½		21	0	21	1	21	2	21	3	6½		22	0	22	1	22	3		
7		22	3	23	0	23	1	23	2	7		23	3	24	0	24	2		
7½		24	1	24	2	25	0	25	1	7½		25	2	25	3	26	1		
8		26	0	26	1	26	2	27	0	8		27	1	27	2	28	0		
8½		27	2	27	3	28	1	28	2	8½		29	0	29	1	29	3		
9		29	1	29	2	30	0	30	1	9		30	3	31	0	31	2		
9½		30	3	31	1	31	2	32	0	9½		32	1	32	3	33	1		
10		32	2	32	3	33	1	33	3	10		34	0	34	2	35	0		
10½		34	0	34	2	35	0	35	1	10½		35	3	36	1	36	3		
11		35	3	36	0	36	2	37	0	11		37	2	38	0	38	2		
11½		37	1	37	3	38	1	38	3	11½		39	1	39	3	40	1		
12		39	0	39	2	40	0	40	2	12		41	0	41	2	42	0		
12½		40	2	41	0	41	2	42	0	12½		42	2	43	0	43	3		
13		42	1	42	3	43	1	43	3	13		44	1	44	3	45	2		
13½		43	3	44	1	45	0	45	2	13½		46	0	46	2	47	1		
14		45	2	46	0	46	2	47	1	14		47	3	48	1	49	0		
14½		47	0	47	2	48	1	48	3	14½		49	2	50	0	50	3		
15		48	3	49	1	50	0	50	2	15		51	1	51	3	52	2		
15½		50	1	51	0	51	2	52	1	15½		52	3	53	2	54	1		
16		52	0	52	2	53	1	54	0	16		54	2	55	1	56	0		
16½		53	2	54	1	55	0	55	2	16½		56	1	57	0	57	3		
17		55	1	55	3	56	2	57	1	17		58	0	58	3	59	2		
17½		56	3	57	2	58	1	59	0	17½		59	3	60	2	61	1		
18		58	2	59	1	60	0	60	3	18		61	2	62	1	63	0		
18½		60	0	60	3	61	2	62	1	18½		63	0	63	3	64	3		
19		61	3	62	2	63	1	64	0	19		64	3	65	2	66	2		
19½		63	1	64	0	65	0	65	3	19½		66	2	67	1	68	1		
20		65	0	65	3	66	2	67	2	20		68	1	69	0	70	0		
20½		66	2	67	1	68	1	69	0	20½		70	0	70	3	71	3		
21		68	1	69	0	70	0	70	3	21		71	3	72	2	73	2		
21½		69	3	70	3	71	2	72	2	21½		73	1	74	1	75	1		
22		71	2	72	1	73	1	74	1	22		75	0	76	0	77	0		
22½		73	0	74	0	75	0	75	3	22½		76	3	77	3	78	3		
23		74	3	75	2	76	2	77	2	23		78	2	79	2	80	2		
23½		76	1	77	1	78	1	79	1	23½		80	1	81	1	82	1		
24		78	0	79	0	80	0	81	0	24		82	0	83	0	84	0		
24½		79	2	80	2	81	2	82	2	24½		83	2	84	2	85	3		
25		81	1	82	1	83	1	84	1	25		85	1	86	1	87	2		

OF SCANTLING.

Squares.	To a Tun solid.	To a Foot solid.
Inches.	Running Feet.	
2	1440	36
2 and 3	960	24
2 and 4	720	18
3	640	16
3 and 4	480	12
4	360	9
4 and 5	288	7
5	230 4-10ths.	5 2-10ths.
5 and 6	192	5 76 Parts of 100
6	160	4 8-10ths.

A Table of superficial Feet of different Thickness contained in a Foot and Tun solid, the Tun being 40 Feet solid.

To a Foot solid.	To a Tun solid.	Of what Thickness.
48	1920	$\frac{3}{4}$ of an Inch.
24	960	Inch.
16	640	$\frac{1}{2}$ Inch.
12	480	$\frac{1}{3}$ Inch.
9 6-10ths.	384	Inch and $\frac{1}{4}$
8	320	Inch and $\frac{1}{2}$
6	240	2 Inch.
4 8-10ths.	192	2 $\frac{1}{2}$ Inch.
4	160	3 Inch.
3 428 Parts of 1000. }	137 1-7th.	3 $\frac{1}{2}$ Inch.
3	120	4 Inch.
2 4-10ths.	96	5 Inch.
2	80	6 Inch.
1 7-10ths.	68 4-7ths.	7 Inch.
1 5-10ths.	60	8 Inch.
1 1-3d.	53 1-3d.	9 Inch.
1 1-5th.	48	10 Inch.
1 1-11th.	43 7-11ths.	11 Inch.
1	40	12 Inch.

(68)

TIMBER MEASURING.

TIMBER MEASURING.

THE many Difficulties which often arise between Buyer and Seller occasion the following observations, Viz.

- 1st. Bark of any Kind should be allowed for, not being Timber.
- 2d. Allowance should be made for rotten Knots, Cup and Star-shakes, Dozes, Ingalls, Worm Holes, Hollows, Fork'd and Stub-shud Ends, Speckles and Ringstreaks;—but for freight, or the like, measure to the full.
- 3d. In measuring Mahogany Logs, take Care to allow for the Sap of the Wanes, and where they are of a large Size, some Consideration should be made for the Kerf of the Saw.—Nothing under $\frac{1}{2}$ an Inch is measured in the Thickness.
- 4th. In girthing Timber fresh off the Water, draw the Line tight on the Piece, and lay it slack on the Rule.
- 5th. Nothing under 6 Inches Girth should be measured unless by Agreement.
- 6th. Flat Dantzick Logs resembling Fitches, should not be girthed, as the Buyer would not in that Case have Value for his Mouey:—But the best way would be to form the Dimensions by Breath and Depth.
- 7th. In measuring Knees for Ship-Building, take the Dimensions of each Arm Separate.
- 8th. In all Kinds of Timber a reasonable Allowance should be made for the Sap.
- 9th. In girthing Timber, many will insist upon the Centre of the Piece to be the right Place; so it may, if it be regular in its Form; but if there be a Swell or Bulge in that Spot, the Measurer has Liberty to incline nearer to the But, or divide the Girths, by taking it in two or more Places, which has been the Practice for many Years; and where Timber is not quite equal in its Sides, Allowance should be given in the Girth, to make it a regular Quadrangle.
- 10th. Measuring with Calipers is erroneous, unless the piece be equally Square in its Sides.

INSTRUCTIONS.

1728 Cubical Inches	} make {	One Cubical Foot.
144 Square Inches,		One Square Foot.
50 Feet solid round Timber,		One Tun.
40 Feet solid square Timber,		One Tun.
1 Cubical Yard,		27 Cubical Feet.

Solid

TIMBER MEASURING. 85

Solid (round or square) Timber, where it is regular in it's Form.

Admit a Piece $20\frac{1}{2}$ Feet long, by $10\frac{1}{4}$ Inches square, (which is $\frac{1}{4}$ of the Line contained round the same) required the solid Contents in Feet.

OPERATION.

RULE.

Multiply the Square by the Square in Inches, &c. and that Product by the Length in Feet, &c. which last Product divided by 144, gives the solid Feet required.—Divide the Remainder by 12, for Inches.

Take Care to point off your Decimal Places.

Note 25 is the Decimal of $\frac{1}{4}$.

50 is the Decimal of $\frac{1}{2}$.

And 75 the Decimal of $\frac{3}{4}$, of any Thing.

In. Pts.	
10.25	} Square.
10.25	
51 25	
205 0	
10250	
10506 25	
20.5 Length.	
5253 12 5	
210125 00	
144)2153(78 12 5)14 Feet.	
144	
713	
576	
12)137(11 Inches.	
132	
5 Twelfths.	

Or 14 Feet $\frac{1}{2}$ solid, and so of any other.

In Superficial Measure.

Multiply the Length in Feet by the Breadth in Inches, which Product divide by 12, and you will have the superficial (or square) Feet required; the Remainder is Inches.

EXAMPLE. A Plank or Board $24\frac{1}{2}$ Feet long, by 13 Inches broad, required the superficial Feet.

L

OPERATION.

O P E R A T I O N.



24½ Feet long
13 Inches broad.

72
246½

12)318½

Feet 26 6½ Inches superficial, and so of any other.

Unequal-sided Timber.

A Piece of Timber 26½ Feet long, 18½ Inches broad, and 14½ Inches thick, how many solid Feet?

OPERATION decimally.

RULE.

Multiply Breadth and Thickness together in Inches and Half Inches, and that Product by the Length in Feet which when done divide by 144, cutting off so many decimal Figures as there are in the Operation, and the Content will appear in solid Feet; the Remainder divided by 12, gives Inches, &c.

In. Pts.

18.5 broad.

14.5 thick.

925

740

185

26825

265 Length.

134125

160950

53650

Ft. In. 12ths.

144 | 7108625 | 49.44 solid.

576

1348

1296

12 | 52 |

Inch. 4 4-12ths, or 49½ Feet solid.

Triangular

TIMBER MEASURING:

Triangular Timber.



A Piece of Timber whose Sides are triangular, viz. the Base 36 Inches, Perpendicular $17\frac{1}{2}$ Inches, and the Length 12 Feet, how many solid Feet contained?

R U L E.

Multiply Base by Perpendicular in Inches, and $\frac{1}{2}$ that Product by the Length in Feet, which when done, divide by 144, gives the Number of solid Feet contained. Divide the Remainder by 12, for the Inches.

OPERATION

Inches.

26 Bafs.

17½ Perpendicular,

182

26

13

455 Product.

327½ Half the Product.

12 Length.

Fr.	In.	12ths. solid.
18	11	6 Ans.

144

144

1290

1152

12 | 138 |

116

or 184 Feet solid.

Mahogany.

A Mahogany Log $25\frac{1}{2}$ Inches broad, 16 Inches thick, and 13 Feet long, how many superficial Inch Feet?

RULE. Multiply Breath by Depth in Inches, and that Product by the Length in Feet, which last Product, divided by 12, gives the Superficial Inch Feet required.

OPERATION

TIMBER MEASURING.

O P E R A T I O N.

Inches.

25½ Breadth.

16 Thick.

150

258

408

15½ Feet in Length.

2040

408

204

12 | 6324 |

527 Superficial Inch Feet. *Ans.*

If you want to know the solid Feet contained, divide the superficial Inch Feet by 12 and the Quotient will be 43 Feet 11 Inches solid, or 43 Feet and $\frac{11}{12}$. So of any other.

Sawyers Work.

A Piece of Timber 34 Feet 6 Inches long, and 10 Cuts, making 15 Feet 4½ Inches in Line, how many Feet of Sawing doth it contain?

RULE. Multiply Length by Line in Feet and Inches, &c. gives the Product required.

O P E R A T I O N.

Ft. In.

34 6 Length,

13 4½ Line.

102

346

11

1

2

6

4

5½

2

Feet 461 5¼ of Sawing.

T H E

THE PRESENT
 PRICES AND CUSTOMS
 OF THE SEVERAL
 ARTIFICERS WORK
 RELATING TO SUPERB
 BUILDING.
 TO BE FINISHED

In a Workmanlike Manner, of the best Materials.

CARPENTERS WORK.

ROOFING and Flooring are measured by the Square of 10 Feet each Way, 100 square Feet being one Square of Work.

EXAMPLE. A Piece of Work 96 Feet 3 Inches by 21 Feet 3 Inches, required the Number of Squares contained therein?

RULE.

Multiply the given Dimensions together in Feet and Inches, which Product divided by 100, (by cutting off two Figures to the right) will give the Squares required.

OPERATION.

Ft.	In.
96	3
21	3
96	
192	
5	3
24	
	Parts.
	9

1(00)20(45 3 9

Answer, 20 Squares 45 Feet 3 Inches and 9

In Roofing, Measure Flat and Half if regularly pitch'd ; otherwise take the Length of the Rafter from Out to Out of the Wall Plates, adding the thickness of the Wall Plates ; which when doubled, multiply by the Depth of the House.

No deduction is made for Chimney Shafts or Sky Lights.

In flooring, deduct for Stair Cases and Hearths, and allow for the Joists in one Wall.

Wainscot Doors and Trimming of Windows, by the Square Yard of 9 square feet.

EXAMPLE. A Piece of Work 14 Feet 6 Inches by 10 Feet 3 Inches, required the square Yards contained ?

RULE.

Multiply the given Dimensions together, which Product divided by 9 will give the Square Yards contained.

OPERATION.

Ft. In.

14 . 6

10 . 3

140

5

3 . 6

1 . 6

9)148 . 72 . 6

Yards 16 4Ft. 7 In 6 Parts,
or 16 $\frac{1}{3}$ Yards.

For Allowances in Wainscot of different Kinds, See Page 92

Measure your Sashes in the Clear of the Frames, and when you measure Sash and Frame together, take from Out to Out of the Frame, always adding the Japp'd Rail.

Boarding measured in the Clear of the Walls, deducting for Chimneys and Hearths.

Cieling and Flooring Joists measured the full Length, no Deduction on account of Hearths.

In Coach-House Gates and Frames : If the Jambs of the Gate be 6 Inches by 9 Inches, the Breaststomer or Head must be 9 Inches by 10, and the Gate Inch and $\frac{1}{2}$ thick.

Sashes, Bridging and Boarding under Lead, by the square Foot.

Stair Cases, by the Story.

Outside Doors, Door Cases, Sash Frames, Columns, Pillasters, Cartouch Brackets to Stair Steps, Curbs, &c. by the Piece.

Ovella Moldings, Cornices, Bracketting, Architraves, Base Surbase, Plinth, Spring Boards, Hand Rails, Bridging between Joists, Saddles and Staffs to Quoins, Pallisadoes, Chinese Rails, Coach-House Gates and Frames, Rack and Manger, Trunks, Gutters, and the like, Running Measure.

PRICES

PRICES of CARPENTERS WORK,

furnishing all MATERIALS.

FRAMED Roofing, with King Posts, Girders 12 Inches by 9 Inches, and principal Rafter 12 Inches at Bottom, and 10 Inches at Top; and 9 Inches thick, with 6 Braces 10 Ditto. The principal Rafter about 10 Feet asunder, with Iron straps, Bolts and Purlins 9 Inches Square tumbled in; and common Rafter 4½ Inches by 4 Inches of the best red Fir, from 4l. 10s to 4l. 12s. per Square.

Roofing with Collar Braces, the Rafter from 12 to 18 Feet, 2½ Inches thick, 6 Inches at Bottom and 5 Inches at Top, 38 to 40s.

Common Roofing, the Rafter 5 Inches by 2 Inches, 25 to 28s.

Bridging and boarding under Lead, from 7d. to 9d. per Square Foot.

Ceiling Joists 4½ Inches by 1½ Inch, 14s. to 16s.

Stud (or quarter'd) Partitions, Ditto.

Truss Partitions in Hall, from 28 to 30s.

Joists and Floor in Parlour and principal Rooms, the Joists 10 Inches by 2, Floor of Inch and ½ Plank dowl'd from 4l. 17s. to 5l. 2s. od.

Joists and Floor with Moss Deals, Inch and ½ thick, with Trimmers 2½ Inch dowl'd, 5l.

Ditto nailed, from 4l. 8s. to 4l. 10s.

Joists and Floor in third Story, the Joists 10 Inches by 2 Inch and Flooring Inch thick of Moss Deals, laid straight Joist at 77s.

Ditto, with common Deals, 68s.

Garret Joists and Floor, the Joists 10 Inches by 2 Inches, laid straight Joist, from 60 to 63s.

Broken Joint, Floor and Joists, the Joists 8 Inches by 2 Inches, from 56 to 60s.

Counter Boarding between Joists, from 15 to 17s.

Bridging between Joists, from 4d. to 5d. per Foot.

N. B. All Scantlings in building to be reduced to 3 by 4 Squares, and charged 3d. per Foot for Scaff and Labour.

Circular Sash Frames, 10 Feet by 4 Feet, or 10 Feet by 4 Feet 6 Inches, about 16s.

Square Sash Frames, 9 Feet by 4 Feet, 10s.

Ditto, 6 Feet 6 Inches, by 3 Feet 6 Inches, 8s.

Small Sash Frames, from 5s. to 5s. 6d. each.

165 0
37 6 8
148 7 6

furnishing all MATERIALS.

Sashes made in the best Manner, dowel'd, frank'd and taper'd, in the newest Taste, slip'd, flop'd and double hung, (Weights exclusive) from 10d. to 11d.	per Foot.
Ditto, Sashes single hung, 9d. do.	
Sashes with Iron Rabbits, 20d. do.	
Common Sashes, 8d.	
Mahogany and Oak Sashes, 16d. & 17d.	
Pullies and Boxes, 1s. each.	
Framed Wainscot Doors, Shuts and Trimming of Windows, 4s. 8d. 4 s. 10d. & 5s.	per Yard.
Plain Wainscotting, from 4s. to 4s. 4d.	
Oak Wainscotting, from 8s. to 9s.	
Mitre Framing, 5s.	
Window-shutters stuck with an Ovella or any other Fancy plane with a small astragal round the Pannels. 4s. 10d. to 5s. 2d.	
Bede Molding on Deal Wainscot, 1d. per Foot.	per Foot.
Common Surbase, 5½d. to 6d.	
Surbase with raised Moldings thereon, in the new Taste, 6d½	
Ditto. with one Enrichment beded, 8d½	
Ditto. with Fluting and Pateras on the face, 1s. 1d.	
Ditto. Ornamented with Composition, 1s. 2d.	
Ground Work for Base and Surbase, 1d½	
Plain Architraves to Garret Story, 4d. to 5d.	
Ditto, in Attic Story, done in a better Manner, 4d½ to 5d.	
Architraves double faced and raised, 9d.	
Ditto, with 2 Enrichments, 1s. 2d.	per Foot.
Parting Slips in Sash Frames, where both Lights move, (Fir) from 2d½ to 3d.	
Ditto, (Oak) from 3d. to 3d½.	
Ditto, (Mahogany) about 5d.	
Letting in Brass Pullies per Pair, from 4d. to 5d. each.	
Parting Slips between Weights, 1d.	
Shop Frame, admitting the Breastfomer, 14 Inches by 12 Inches, and a Corner Post of 14 Inches, with Uprights and Inter-stices in Proportion, from 8s. to 9s.	
Filler Gutters, from 10d. to 11d.	
Trunks Pitched and put up, 1s.	
Mahogany Curbs round Hearth Stones, according to size, from 9s. to 10s.	
Oak Ditto, do. from 6s. 6d. to 7s. 6d.	each.
Cellar Doors, Inch and ½ thick, Cases 4 by 5 Inches, Stuck and Rabbitted. from 20s. to 21s.	
Vault Ditto, Jedd'd and Cases, from 16s. to 17s.	
Mahogany carved Cartouch Brackets (according to the design) to the end of open Newell, Stair Steps, from 20d. to 2s. 8d.	

Molded

furnishing all MATERIALS,

Molded Skirting, from 4d. to 4d $\frac{1}{2}$	
Mahogany Bede and Ovella Mouldings round Chimney Pieces, from 15d. to 16d.	
Deal ditto, do. 6d. to 6d $\frac{1}{2}$	
Bracketing to Stucco Cornice in the two Principal stories and Stair Cases, from 4d. to 5d.	
Spring Board, from 3d. to 3d $\frac{1}{2}$.	
Fire Pallisadoes and Chinese Rails, from 5s. 9d. to 6s. 6s. 6d.	
Saddles to Quoins of Windows, 4d.	
Staffs on Quoins, 2d.	
Rack and Manger with solid Oak Breast and knees, Ash Staves, turned, 6s. 6d. to 8s.	
Cornice to Rack, from 4d. to 4d $\frac{1}{2}$	
Coach House Gates, Inch and $\frac{1}{2}$ thick and Ledges, with Frames supposed to be 6 Inches by 9 Inches, the Breastfomer or head, 9 Inches by 10 Inches, 8s. 6d. to 9s.	
Mahogany Hand Rails to Geometrical Stairs, and screwing the Iron Ballusters, from 4s. to 5s. 6d.	
Oak Ditto, and screwing do. from 3s. 3d. to 4s. 4d.	
Grand Stairs according to the Design, 20, 25, 30, and 35 Guineas per Story.	
Back and Garret Stairs in Wood, from 8l. to 10l. per Story.	
Hall Doors Framed, Lined, and Hanging Stiles, (according to size) from 3l. to 4l. each.	

per Foot.

M

PRICES

PRICES of CARPENTERS WORK, Workmanship only.

FRAMED Roofing, according to the Span, from
20s. to 22s.

Common Roofing, 5s. 6d. to 6s.

Ceiling Joists, 3s.

Stnd Partitions, ditto.

Roofing with Collar Braces, 7s.

Laying Plank Dowelled, and Joists, 20s.

Straight Joint Flooring and Joists, nailed down with Brads, 11s.

Counter Flooring, 3s.

Broken Joint, Floor and Joists, 7s. 7d. to 8s.

Bridging between Joists, 1½d. per Foot.

Making Compals Sash Frames, according to size, from 7s. 7d.

to 8s. 1½d.

Large Sash Frames, double Morticed and Rabbetted, from

3s. 6d. to 4s. 4d.

Common ditto, from 2s. 4d. to 2s. 8d.

Bedding large Sash Frames, 2s.

Do. small, 1s.

Sashes made in the new Taste and best Manner, 5d. per Foot.

Common Attrals Sashes, 4d. per Foot.

Orella ditto, 3½d. per Foot

Letting in Box Pallies, 6d. per Pair.

Wainscot in first and second principal Stories, from 2s. 6d. to 2s. 8d.

per Yard.

Ditto, Attic, Garret and Kitchen Stories, 2s. to 2s. 2d. per Yard.

Base and Surbase, done in the common Manner, 3½d.

Laying raised Moldings on ditto, or putting on Composition
1d. more added.

Ground work under ditto, at 1d.

Plain Skirting, from 1½d. to 2d.

Plain Architraves with Moldings in Attic and Garret Stories,
from 2½d. to 3d.

Double faced raised Architraves, with moldings, 5½d. to 6d.

Ditto, with 2 Enrichments, from 7d. to 7½d.

Door Cases, rabbetted and stuck from 3s. to 3s. 3d.

Doors rabbetted, stuck and ledged, 5s.

Mahogany Carved, Cartouch, Brackets, to the end of open

Newel Stair Steps, from 1s. 4d. to 2s. 6d.

Mahogany Curbs round Heath Stones, from 4s. to 4s. 4d.

Oak Ditto, round Ditto, from 2s. 6d. to 3s.

Trunks, Gutters, Bridging and Boarding under Lead, 3½d.

Directing to Stucco Cornice, 3d.

Spring Board, 1d.

Saddles to Quoins, 1½d. to 2d. Staffs to Quoins, 1d.

Half Hand Rail, 4d. Base, 3d.

Circular Rail, 8d. Circular Base, 6d.

Mahogany Hand-rails to geometrical Stairs, and screwing the
Iron Ballusters, from 2s. 2d. to 3s.

Oak ditto, to ditto and screwing ditto, from 2s. to 2s. 4d.

per Square.

each.

per Foot.

each.

per Foot.

Open

CARPENTERS WORK

Workmanship only.

Open Newel Stairs, with Mahogany Hand-rails, ramped and kneed, with a Volute at Bottom, accordidg to the Grandeur and magnificence of the design, from 10 Guineas, to 25.

Open Newel Stairs, with Deal Hand-rails, ramped and kneed, according to the Design, from 3l. 10s. to 7l.

Dog-leg'd Stairs, from 30s. to 40s.

Hall Door framed, according to size, lined, hanging Stiles and Circular Sash over ditto, from 38s. to 50s. each.

Gates and Cafes, rabbited and stuck, from 30d. to 4s.

Rack and Manger, with solid Oak Breast and Knees, 3s. 6d. to 4s.

Fir Palisados and Chinese Rails, according to the Dimentions, from 2s. 8 $\frac{1}{2}$ d. to 3s. 6d.

Circular Work, double Work.

PROPORTIONS OF SCANTLING

Denominations.	Length or Height in Feet.	Scantlings in Inches, &c.			
Sills,	18	4 $\frac{1}{2}$	by	10	
	20	5 $\frac{1}{2}$		11	
	25	6		12	
Uprights for Shop Frames,	7 $\frac{1}{2}$	5	by	10	
	9	6		11	
	10	7		12	
Interstices,	5	3 $\frac{1}{2}$	by	10	
	6	4		11	
	8	5		12	
Breastsummers,	18	11	by	10	
	20	12		11	
	25	14		12	
Thorough Joists,	12	1 $\frac{1}{2}$	by	7	
	16	1 $\frac{1}{2}$		9	
	20	2		10	
Ceiling Joists,	12	1 $\frac{1}{2}$	by	3	
	16	1 $\frac{1}{2}$		4 $\frac{1}{2}$	
	20	1 $\frac{1}{2}$		5	

Collar Beams, { Much the same as Ceiling Joists, or very little less.—Some chuse to leave them equal to the Ceiling Joists.

Wall Plates, { 18 2 } by { 5 }
 { 20 2 $\frac{1}{2}$ } by { 6 }
 { 25 3 } by { 6 $\frac{1}{2}$ }

Thorough Rafter { 10 $\frac{1}{2}$ 1 $\frac{1}{2}$ } by { 4 at Bottom, and 3 at Top }
 { 12 1 $\frac{1}{2}$ } by { 4 $\frac{1}{2}$ ditto, and 4 ditto }
 { 13 $\frac{1}{2}$ 2 } by { 5 ditto, and 4 ditto }
 { 11 $\frac{1}{2}$ 2 } by { 5 ditto, and 4 ditto }

Hips, { 13 $\frac{1}{2}$ 2 $\frac{1}{2}$ } by { The Breadth must be equal to the Bevil-Cut of the Cramping-Rafter. }
 { 16 $\frac{1}{2}$ 2 $\frac{1}{2}$ } by { }

Ridge Poles, { Inch thick, the Breadth thereof to be equal to the Bevil-Cut of the Top of the Rafter. }

CARPENTERS WORK.

SCANTLINGS.

For a Framed Roof of 50 Feet Span, viz.

Girders, - -	13 Inches by 9, and framed to camber in themselves.
Principals, -	{ 12 Inches at Bottom, and 8 Inches at Top,—9 Inches thick.
King Posts, -	12 Inches by 9 Inches.
Purloins, -	From $8\frac{1}{2}$ Inches, to 9 Inches square.
Strut Braces, -	From 7 Inches to 9, by 6 Inches.
Rafters, - -	{ $6\frac{1}{2}$ Inches at Foot, and to taper to 5 Inches at Top, by $2\frac{1}{2}$ Inches thick.
Wall Plates, -	10 Inches broad, by $4\frac{1}{2}$ to 5 Inches thick.
Bond Plates under Girders, {	6 Inches by 10 Inches.

For a lesser Span, such as from 24 to 26 Feet, viz.

Girders, - -	12 Inches by 6 Inches.
Principals, -	{ 10 Inches at Bottom, and $6\frac{1}{2}$ at Top.—6 Inches thick.
King Posts, -	12 Inches by 6 Inches.
Purloins, -	7 Inches Square.
Rafters, -	$5\frac{1}{2}$ Inches by 4 Inches,— $2\frac{1}{2}$ Inches thick.
Strut Braces, -	5 Inches by 6 Inches.
Wall Plates and Bond Plates—	as above mentioned.

The Present Customs of Wainscoting, under the following Heads, viz.

Doors Framed.

Inside Doors Framed, Stuck and Pannels raised on both Sides, the Framing Inch and $\frac{1}{2}$ thick, containing 5 Pannels or upwards, Double Work.

The Pannels of Ditto, raised on one Side and flat on the other, Work and $\frac{1}{2}$.

Five Panned Doors or upwards, the Framing Inch and $\frac{1}{2}$ thick, both sides flat Pannels Double Work.

The Pannels of ditto, raised on both sides, Inch and $\frac{1}{2}$ thick,—Two Works and a $\frac{1}{2}$.

Four Panned Doors Stuck on both Sides, Inch and $\frac{1}{2}$ thick,—Work and $\frac{1}{2}$ but if Stuck on one Side and Square on the other—Work and $\frac{1}{2}$ with an additional Work, in case the Pannels are raised on both Sides.

Window

Window Shutters Framed.

Molded on both Sides, from Inch and $\frac{1}{4}$ to Inch and $\frac{1}{2}$ thick,—Double Work, and if Stuck on Front, and Square at Back—Work and $\frac{1}{4}$ and if Bede and Flush at back—Two Works and a $\frac{1}{4}$, and for every eighth of an Inch increase in thickness, add one eighth of Work; and if but 10 Inches and under in Breadth; $\frac{1}{4}$ Work to be added more to the Measurement, as a compensation for extra Workmanship.

All Back Leayes framed Square, from Inch and $\frac{1}{4}$ to Inch and $\frac{1}{2}$ thick—Work and $\frac{1}{4}$.

Back Leaves, from $\frac{3}{4}$ Inch, to an Inch thick,—Work and $\frac{1}{4}$ and for every eighth of an Inch increase in thickness, one eighth to be added to Measurement.

Allowance to the Workman for all Framed Window Shuts.

Wainscot Framed.

From Inch and $\frac{1}{2}$ to Inch and $\frac{3}{4}$ framed and Stuck on one Side and Flush on the other, with slit deal Pannels, allowed—Work and $\frac{1}{4}$ —and when framed square, from Inch to Inch and $\frac{1}{2}$ thick of slit Deal Pannels, Mullited and Planed on both sides—Work and $\frac{1}{4}$.

Pannels of Slit Deal planed on both Sides and Glued, or where Partitions are Grooved—Work and $\frac{1}{4}$ —provided the Stile be equal to Quarters two in a Board of whole Deal.

Framed Wall Work, returned—Work and $\frac{1}{4}$ —and if Framed Bede and Flush—Work and $\frac{1}{2}$.

Battened Pannels.

Of Slit Deal, Ledged—Work and $\frac{1}{4}$.

Ditto, not Ledged—Work and $\frac{1}{4}$.

Pannels from Inch to Inch and $\frac{1}{2}$ thick, Battened and Ledged—Work and $\frac{1}{4}$.

The like not Ledged—Work and $\frac{1}{2}$ —and if Dutch Battened—Double Work.

Ledged Doors.

Rabbeted and Molded, from $\frac{1}{2}$ Inch to Inch thick—Work and $\frac{1}{4}$ —and for one eighth increase in thickness, add one eighth in Work.

Bed and Flush.

From Inch $\frac{1}{2}$ to Inch and $\frac{1}{2}$ thick, Pannels Inch thick, the framing Grooved and Struck on one Side—Work and $\frac{1}{4}$ Inch thick, if Struck on both Sides—Double Work.
N. B. Add $\frac{1}{2}$ more if both Sides are Flush.

Tables, Dressers, and Shelves

Planed on both Sides from $\frac{1}{2}$ to Inch thick, to be measured Single Measurement, and for every eighth of an Inch increase in thickness, one eighth to be added in Work.—All bearing Sur under Shelves are Running Measure.

✶ Cornices or any other Moldings thereunto belonging are Running Measure.

BRICKLAYERS WORK.

THE chief Part whereof is measured by the Perch, being 21 Feet long, 9 Inches thick, and one Foot high.

EXAMPLE. A Piece of Work 66 Feet long, 20 Feet 6 Inches high, and 28 Inches thick, how many Perches contained therein.

RULE.

Multiply Length by Height in Feet and Inches, and that Product by the Inches in Thickness, which last Product divided by 6, and that Quotient by 21, will give the Perches, rough standard measure in IRELAND.—But when the thickness is 9 Inches only, Multiply the given Length and Height together, and divide by 21, for Perches.

OPERATION.

Ft. In.

66 0 Length.

20 6 Height.

1320

33

1353

28 Inches thick.

10824

2706

9 | 37884

21 | 4209 3

Answer. Perches 200, 9 Feet, 3 Inches

Chimnies

Chimnies.

Are measured as solid. In measuring angle Chimnies, Multiply the Height of the Story by the Breast, take $\frac{1}{4}$ of the Breast for the Thickness, take Length, Breadth and Thickness of the Shaft; reduce all into 9-inch Work.

For Four-inch Walls, 2-3ds of 9-inch Work is allowed.

For Three-inch Walls, $\frac{1}{2}$ of 9-inch Work.

Centring under Arches, measured as Sraight Work, and $\frac{1}{4}$ of Stuff allowed for Waste.

Flooring with Bricks or Tiles, by the Square Yard.

Dashing on Stone Walls, by the Perch.

Rough Cast Dashing on Stone Walls, by the Yard.

Sewers, by the running Foot.

In Topping of Chimnies, multiply Height by the No. of Funnels, and charge by the Superficial Foot.

In Pointing of Chimnies, Multiply Height by Girth for the Superficial Feet.

Targetting of Chimnies, each Funnel by the Running Foot.

Splay'd Jambs to Windows, per Square Foot.

Additional Work to Stock Brick fronts, per Agreement.

In Rough Stone Work.

Twenty-one Feet long, 12 Inches high, and 18 Inches thick, make a Perch.

Multiply in like Manner as before directed, *i. e.* Length and Height together, in Feet and Inches, and that Product multiply by the Inches in thickness, which last Product divided by 18, and that Quotient by 21, gives the Perches contained. But when the thickness is 18 Inches only, multiply the given Length and Height together and divide by 21 for Perches.

N. B. One Thousand of any Common Bricks (Mortar and Work) will make 4 Perches and $\frac{1}{2}$ of Work.

236 Bricks (Mortar and Work) will make a Perch.

PRICES of BRICKLAYERS WORK, furnishing all MATERIALS.

S TONE Walls, reduced to Standard Thickness, from 8s. 6d. to 9s.

Brick Walls, ditto, from 7s. 9d. to 9s.

Ditto, Mortar and Work, from 4s. to 4s. 6d.

Vaulting, from 8s. to 9s.

Centring under Arches, Mortar and Work, from 4s. to 4s. 6d.

Four Inch Walls, from 4s. 6d. to 5s.

Brick and Edge ditto, 3s. 6d. to 4s. 4d.

Stock Brick Front, (according to the Quality) from 14s. to 17s.

Grey Stock Brick Flooring, from 3s. 6d. to 4s.

Place Brick, ditto, from 2s. 8d. to 3s. 3d.

Tiling of Floors, from 4s. to 4s. 6d.

Dashing of Walls, from 7d. to 8d. per Perch.

Rough cast Dashing on Walls, from 9d. to 13d. per Yard.

Pargetting of Chimneys each Funnel 3d. to 3½d. per Running Foot,

Foot Arches, from 3s. 3d. to 3s. 9d.

Brick, Half and Clofure, from 5s. to 5s. 6d.

Circular Arches over Doors and Windows, according to Girt, from 6s. 6d. to 7s. 6d.

Elliptic Arches over Gates, from 12s. to 16s.

Foot Arches over doors and Windows, from 2s. 6d. to 2s. 8d.

Scheme Arches over openings, from 1s. 4d. to 1s. 5d.

Four-inch Arches, from 9d. to 10d.

Counter Arches over Chimnies, Doors, &c. from 2s. to 2s. 6d.

Elliptic Arches over Gates, from 8s. to 9s.

Brick Trimmers under Hearths, from 4s. 6d. to 5s.

Splay'd Jaumbs to Windows, 2d. per Square Foot.

Kitchen Grates, according to the Magnitude, from 14s. to 18s.

Metal Ovens, from 20s. to 22s. 9d.

Boilers, according to the Quantity Contained, from 11s. to 18s.

Stew Holes, from 5s. 6d. to 6s. 6d.

Hot Plates, according to Size, from 20s. to 30s.

Bath Stoves, from 8s. to 11s.

Quaker Grates, from 6s. 6d. to 8s. 1½d.

Setting Register Grates, from 10s. 6d. to 13s. 6d.

Wine Bins, Grey Stock Arched; from 10s. to 11s. 4½

Ditto. Place Brick, do. 8s. 1½d.

Chimnies Topped, (exclusive of pulling down) from 1s. 4d. to 1s. 8d. per Square Foot.

Brick Potting on Chimnies, 9 Inches high, 2s. 2d.

Ditto, do. 14 Inches do. 2s. 8½d.

Ditto, do. 18 do. do. 4s. 4d.

per Perch.

per Sq. Yd.

each.

each.

each.

Stock

furnishing all MATERIALS.

Stock Brick Pointing on Fronts, 6d. per square Foot.

Place Brick Pointing on do. Chimnies, &c. from 2d. to 3d. per square Foot.

Setting Coping and Window stools, from 2d. to 3d. per Running Foot.

Hammered Stone Piers, (extra) from 1s. to 1s. 3d. per square Foot.

Sewers, from 12 to 18 Inches, flagged Top and Bottom, from 2s. to 2s. 6d. per Running Foot.

N. B. All Openings deducted from Stuff.

BRICKLAYERS WORK.

Workmanship Only.

FOOT Arches over Doors and Windows, Counter Arches over Chimnies, Eliptic Arches over Gates, by the Piece.

Pargetting each Funnel by the Running Foot.

Stone Eves, by the Running Foot.

Scheme Arches over openings, equal per Piece to the Price of the Work per Perch. Large Scheme Arches over Kitchen Grates, exceeding six feet diameter, are double the Price of common Arches, Four Inch Arches Half the Price of nine Inch.

PRICES of BRICKLAYERS WORK,

Workmanship only.

STONE Walls, reduced to Standard Thickness, from 18d. to 20d.

Brick Walls, ditto, from 16d. to 18d.

Vaulting, from 16d. to 19d.

Centring under Arches, from 16d. to 17d.

Four Inch Walls, from 9d. to 1s.

Brick and Edge ditto, from 8d. to 9d.

Additional Work to Stock Brick fronts being Various must run per Agreement.

Stock Brick Flooring, from 9d. to 1s.

Place Brick, ditto, 8d.

Tile Flooring (Rubbed) 1s.

Dashing of Walls. 2½d. per Perch.

N

per Perch.

per Sq. Yd.

Roughcast

Workmanship only.

	Rough cast Dashing on Walls, from 4d. to 6d. per Square Yard.	
	Pargetting of Chimneys, each Funnel 2d. per Running Foot,	
Stock Brick.	Foot Arches over Doors and Windows, &c. 3s. to 3s. 9d.	each.
	Brick, Half and Closure, from 5s. to 5s. 6d.	
	Circular Arches over Doors and Windows, according to Girt, from 6s. 6d. to 7s. 6d.	
	Elliptic Arches over Gates, &c. according to Girt, from 12s. to 16s.	
Place Brick.	Foot Arches over doors and Windows, &c. from 2s. 6d. to 2s. 8d.	each.
	Scheme Arches over openingss, from 1s. 4d. to 1s. 6d.	
	Four-inch Arches, from 8d. to 10d.	
	Counter Arches over Chimnies, Doors, &c. from 2s. to 2s. 6d.	
	Elliptic Arches over Gates, from 8s. to 9s.	
	Brick Trimmers under Hearths, from 16d. to 22d.	
	Kitchen Grates, according to the Magnitude, from 7s. 6d. to 9s.	
	Metal Ovens, from 11s. to 16s.	
	Boilers, according to the Quantity Contained, from 5s. 5d. to 11s. 4½d.	
	Stew Holes, from 3s. to 3s. 3d.	
	Hot Plates, according to Size, from 10s. to 14s.	
	Bath Stoves, from 4s. to 5s. 5d.	
	Quaker Grates, from 3s. 6d. to 4s. 4d.	
	Register Grates, from 4s. 4d. to 4s. 6d.	
	Wine Bins, Arched, from 3s. 6d. to 4s.	
	Pointing Stock Brick on old Fronts, from 4d. to 6d.	per Sq. Foot.
	Ditto. Place Brick on Fronts, Chimnies, &c. &c. 1d. to 2d.	
	Hammered Stone Piers, from 1s. to 1s. 3d.	
	Topping old Chimnies (exclusive of pulling down) from 1s. to 1s. 2d.	
	Setting Coping and Window Stools from 2d. to 2½d. per running Ft.	
	Eve Courses, from 1½d to 2d.	do.
	Can't Quoins, 1d.	do.
	Brick Potting on Chimnies, 9 Inches high, 1s. 1d.	each.
	Ditto; do. 14 Inches do. 1s. 3d	
	Ditto. do. 18 do. do. 2s. to 2s. 4d.	
	Sewer, from 12 to 18 Inches Square, Flagg'd at Top and Bottom, from 1s. to 1s. 4d. per Running Foot.	

N. B. All Openings of Doors, Windows and Chimnies, are Workmanship only.

All Circular Work, and Fourteen-inch Walls, Work and Half.

STONE.

STONE-CUTTERS WORK.

PRICES, furnishing all MATERIALS, and Marked under the different Heads.

COMMON Mountain Stone Steps and Flagging, Window Stools and Coping, from 10d. to 1s. 2d.
 Palisade-Base, from 1s. 4d. to 1s. 6d.
 Plinth to ditto, from 1s. to 1s. 1d.
 Plain Ashlers of Kilgobbin Stone, from 1s. to 1s. 2d.
 Ditto, Golden-Hill Stone, from 1s. 2d. to 1s. 4d.
 Rustic Ashlers, Quoins, &c. Golden-Hill Stone properly bonded, from 1s. 4d. to 1s. 6d.

per Foot.

Ditto, Kilgobbin Stone, from 1s. 2d. to 1s. 4d.
 Moldings for ditto, Golden-Hill Stone, according to the Design, from 1s. 4d. to 3s.
 Ditto, Kilgobbin Stone, from 1s. 4d. to 2s. 6d.
 In Coping and Window Stools, measure with a Girt Line (wherever the Chisel goes) round the whole Tothing, by the full Length.

per Superficial Foot.

Vein or Dove Marble in Polished Flat Work, at 5s. 6d.
 Black and Gold and Purple Marble, 10s.
 Sciena and Blacadilla Slab, Inch thick, 18s.
 Ditto, in Vineers, 13s.
 Jasper and Green Marble, Inch Slab, 1l. 2s. 9d.
 Ditto, in Vineers, 18s.
 Cork Marble in Flat Work, polished, 5s. 6d.
 Kilkenny do. do. 3s. 6d.
 Galway and other Jet black Barbles, in Flat Polished Work, 4s.
 Black Stone Chimney Pieces, 1s. 4d.
 Ditto, Slabs 1s.
 Astragal Moldings on the edges of Marble Slips, &c. 2s. Lineal Measure, and above the Superficial Contents.

Curves in Black, or any other Stone Hearths, 1s. 6d.
 Ditto, in Marble, 2s.

per piece.

Freestone Slab of all Sorts, 1s. per Superficial Foot.
 Ditto, Bath Stoves, 2 Feet 6 Inches Wide in the Clear, and under, 15s. 2d.

per Piece.

Ditto, from 2 Feet 6 Inches, to 3 Feet Wide, and under, 18s.
 Ditto, from 3 Feet, to 3 Feet 6 Inches do. do. 20s.
 Ditto, 3 Feet 6 Inches and upwards, do. 22s. 9d.

N. B. The Ash-hole Blocks are to go in with the Bath Stoves; but if other Stone, to be measured and paid in Addition to the above.

Vein

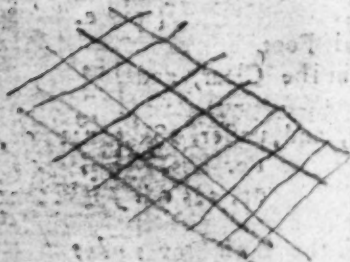
100 STONE-CUTTERS WORK.

furnishing all MATERIALS,

Vein or Dove Marble Bath Stoves, Lined and Screwed, 3 Feet and under, 4 Guineas.	} per Piece.
Vein or Dove, do. from 3 Feet to 3 Feet 6 Inches Wide, 5l.	
Ditto, from 3 Feet 6 Inches and upwards, 5 Guineas.	
Black Marble Bath Stoves, 3 Feet Wide and under, 3l.	
Ditto, 3 Feet Wide and upwards, 3 Guineas.	
Setting Register, and Mock Register Grates in Black Marble, with Grate Blocks, &c. 2l.	} per Square Foot.
Ditto, in Italian Marble, 3l.	
Freestone Faceings to same Grates as above, 15s.	
Portland Flagging, laid Diagonally, 1s. 6d.	
Ditto, in Octagon or mixed with Black, 1s. 8d.	
Ditto, in Straight Courses, 1s. 4d.	} per Sq. Foot.
Plain Portland Cills and Stools, 2s. 6d.	
Geometrical Portland Stone Stair Cases Molded, and 4 Feet Long, 2s. 9d.	
Ditto, from 4 to 5 Feet Long, 2s. 9d.	
Ditto, 5 Feet Long and upwards, 2s. 9d.	
Ditto, Plain, and 4 Feet Long, do. 2s. 6d.	} per Sq. Yd.
Ditto, from 4 Feet Long do. 2s. 9d.	
Joggles in Landings, 1s. per Lineal Foot.	
Circular Geometrical Steps Molded, 3s. 9d.	
Plain do. 3s.	
Portland Ashlers, supposed 6 Inches bed.	} per piece
Mountmellick Flags, Squared and Laid, 4s.	
Ditto, Black Stone, or Curfus Stream, do. 4s.	
Carlow Ditto. 4s. 6d.	
Red and White English Flags, 7s. 6d.	
Tomb Stones, 8 Feet by 4 Feet, 10 l.	} per piece
Ditto, 7 do. by 3 Feet 6 Inches, 8l. 10s	
Ditto, 6 do. by 3 do. 6l. 16s. 6d.	

No Marble Head Stone of any Size to be sold under 3 Guineas:

All Lettering thereon, 1½d. each.



To

STONE-CUTTERS WORK. 101

To find the Solid Content of a Marble Block,

RULE.

Multiply Length by
Breadth in Feet and Inches,
and that Product by the
Depth in Feet and Inches
will give you the Solid Con-
tent in Feet, by which it is
Sold.

N. B. 12 Feet Solid of
Marble make a Tunn.

OPERATION.

	Ft.	In.	
Admit	6	6	Length.
by	2	4	Breadth.
	2	2	0
	13	0	0
	15	2	
	1	3	Thickness.
	3	9	6
	15	2	0
	18	11	6

or 18 Feet $\frac{1}{2}$ Solid.

SLATORS WORK.

Is measured by the Square of 100 Square Feet.

NO Deduction is made for Chimney Shafts on Stuff.—Hips, Val-
lies and Eaves, added to the Content of the Roof, as double Measure-
ment.

Six Hundred of Double Slates cover a Square of Work.

One Thousand of Singles, ditto.

One Hundred and sixty-five Tiles, ditto.

Forty Laths will do a square of Work.

A Tun of slates will do about a square and $\frac{1}{2}$ of Work.

PRICES

PRICES of SLATORS WORK,

furnishing all MATERIALS.

S LATING and Rendering with Doublers, Carnarvon Slates)
1l. 8s. or more, according to the increase of the Price of Ma-
terials.

Ditto, with Singles, from 1l. 6s. to 1l. 7s. and upwards.

Weather or Upright Slating in best manner, bedded and Nailed
40s.

Ditto, in Common manner, not Bedded or Nailed, from 1l. 10s
to 1l. 11s.

Tunn Slating, from 2l. 15s. to 3l. 5s. and upwards.

Repairing Common Slating with New and Old Slates, from
18s. to 19s. and upwards.

per Square.

Tileing

Dutch Tiles, Covering and Pointing within and without, from
1l. 7s. to 1l. 8s.

Ditto, Covering and Pointing within, from 1l. 6s. to 1l. 7s.

Ditto, Covering and Pointing without, ditto.

per Sq.

PATENT SLATING.

No Deduction for Windows or Chimnies.

No Lead or Tiles used for Hips and Ridges, nor Boards, Laths,
Nails or Rendering underneath required.

Rafters may be placed from 18 Inches to 30 Inches distance.—The
Work requires, Cement, Screws, and Battens.

PRICES of PATENT SLATING.

furnishing MATERIALS.

Best Welch Slates 2l. 16s. 10d.

Ditto, with Denibouls, 3l. 1s. 9d.

All upright Circular and Domical Work, 4l. 6s. 8d.

per Sq.

PRICES

PRICES of SLATORS WORK.

Workmanship only.

SLATING and Rendering, from 7s. to 7s. 7d. and 8s. 1½d. }
Pointing, (Mortar and Work) from 2s. 8d. to 2s. 10d. }
Ditto, (Work only) 2s. 2d. } per Square.
Upright Slating done in best manner, 20s.
Ditto, in the common manner, 15s.
Tunn Slating, from 13s. to 13s. 6d.
Laths, Nails and Time only, on new Slating, about 13s.
Stripping and Closing Gutters not exceeding 12 Inches in Depth,
3d. per running Foot, Mortar and Work.
Covering Penthouse or small Breach, not exceeding half a Square,
6d. per running Foot; but if more than half a Square 3d. per Super-
ficial Foot, (Mortar and Work.)

Tileing.

Covering with Tiles and Pointing within and without, from }
6s. 6d. to 7s. }
Ditto, and Pointing withinside. from 5s. to 5s. 6d. }
Ditto, do. withoutside, from 4s. 6d. to 5s. } per Sq.

PATENT SLATING,

Work only.

Best Welsh Slates, 11s. 4½d. }
Ditto, with Denibouls, 12s. 6d. }
All Upright, Circular and Domical Work, 13s. } per Sq.

N. B. One Foot running measure for eaves, whether Dripping over
Walls or in Lead Gutters, to be added to the Content.

GLAZING

G L A Z I E R S W O R K.

Is measured from Putty to Putty by the superficial Foot.

N. B. Where Windows are arched, or of a curved Form, they are measured from out to out by their full Diameters.

TABLE for Working the Dimensions,

Feet multiplied by	{ Feet Inches Parts }	produce	{ Feet Inches Parts.
Inches multiplied by	{ Inches Parts }	produce	{ Parts Seconds.
Parts multiplied by	Parts	produce	Thirds.
Note. Twelve	{ Thirds Seconds Parts Inches }	One	{ Second Part. Inch. Foot.

EXAMPLE. A Piece of Work 16 Feet 6 $\frac{1}{2}$ Inches, by 8 Feet 4 $\frac{1}{2}$ Inches, how many Superficial Feet ?

R U L E,
Multiply the given Dimensions together in Feet, Inches and Parts, and the Content will appear in Superficial Feet.

O P E R A T I O N.

	Ft.	In.	Parts.
16	6	6	
by 8	4	6	
132	4	0	Seconds.
5	6	2	0
	8	3	3

138 6 5 3
Or, 138 Feet and $\frac{1}{2}$ superficial.

P R I C E S o f G L A Z I E R S W O R K.

furnishing MATERIALS

BEST London Crown Glass of any Size not exceeding 19 } per
Inches by 15 Inches, 2s. 8d. } Sqr.
Or, any Square 3 Feet or upwards, 3s. } Foot.
Fine

GLAZIERS WORK.

105

furnishing all MATERIALS.

Fine Newcastle Glas not exceeding 19 Inches by 15 Inches,
1s. 8d.

If larger, 2s.

Best Scotch Crown Glas. do. size, 1s. 1d.

But if it exceeds that, 1s. 4d.

Best Bristol Crown Glas, from 1s. 10 to 1s. 3d.

Common Bristol or Scotch Glas, from 8d. to 10d.

Irish Glas, from 7d. to 8d.

Puttying Windows outside, 1d. per Foot. *Turning Measure.*

per Square Foot.

WIRE WORK.

Round Mash, Inch and $\frac{1}{2}$ 7d. to 8d.

Flywork, from 2s. 6d. to 2s. 8d.

Brass Wire Work, (Octagon or Square) ditto,

per
Square
Foot.

SMITHS WORK.

PALISADES by the C. Weight.

Iron Hand Rails and Ballusters, standard Globe Irons, Window Bars
and Grates, by the lb. Weight.

Arch Globe Irons and Smoke Jacks, by the Piece.

Scroll Pannels to geometrical Stair Steps, by the Step.

Extinguishers, by the Pair.

PRICES, furnishing all MATERIALS,

Bowed Palisades, finished in best Manner, 1l. 17s. 4d. per C. Wt.

Pallisades of a Cheaper Kind, not bowed, 1l. 12s. 8d. do.

Iron Gates, according to the scantling of the Iron and scroll
Work, from 4d. to 6 $\frac{1}{2}$ d.

Window Bars, also Grates Sett in Flagging, 3 $\frac{1}{2}$ d.

Plain Kitchen Grates, 3d. to 3 $\frac{1}{2}$ d.

Iron Hand Rails and Ballusters to Geometrical Stairs, 5d.

Kitchen Grates with wind-up Niggers, finished in an elegant
Manner, from 6 $\frac{1}{2}$ d. to 7d.

Standard Globe Irons, from 5d. to 7d.

Arch Globe Irons (according to the design) from two Guineas and
and a half, to three Guineas and upwards, per Piece.

Smoke Jacks, from 10l. to 15l. do.

per
Pair.

Scroll

SMITHS WORK.

furnishing all MATERIALS,

Scroll Pannels to Geometrical Stair Steps, from 18s. to 1l. 2s. 9d. per Step.

Extinguishers, 13s. per Pair.

FOUNDERS WORK.

furnishing all MATERIALS.

BOILERS over 40 Gallons, 11d. } per Gallon.
 Ditto, from 40 Gallons and under, 12d.
 Setting Ovens, Plates and Damper, 28s. per C. Weight.
 Doors and Bars for Ditto, 18s. 8d. do.
 Vault Stoppers, 2½d. per lb.
 Iron Fastening for do, 4½d. per lb.
 Hot Hearths and Stew-holes, 18s. 8.
 Sash Weights, 14s. } per C. Weight;
 Mettal Pallisades, 18s. 8d.

PLUMBERS WORK.

furnishing MATERIALS

SHEET Lead, 1l. 12s. }
 Lead Trunks, Pumps, battened Cisterns, and } per C. Weight;
 Pipes of 2½ and 3 Inch Bore, from 38s. to 40s.
 Solder for Gutters, 1s. per lb.

Lead Pipes.

Bore,	{	¾ Inch, 1s. 1d.	} per running Foot.
		1 Inch, 1s. 8d.	
		1½ Inch 2s. 6d.	
		2 Inch. 3s. 6d.	

And so in Proportion.

Jointing of Pipes according to the Bore, from 2s. to 6s. per Joint.

PAINTERS

PAINTERS WORK.

Is measured by the Square Yard, unless the following Articles.

CORNICES, Ovella Mouldings, Base, Surbase, Skirting, Trunks and Gutters, which are by the running Foot.

Pediments, Sash and Frame outside, scroll Pedestals to Iron Palisades, Iron Bars to Kitchen Windows, and Carved Cartouches to Stair Cases, by the Piece.

Measure your Sashes by the same Method as in Carpentry; and in Handrails and Bannisters of Stairs measure both Sides.

Fillagree Mohogany on Doors, per the Side.

Stucco Fancy Cielings in varigated Colours, according to Richness and number of Colours. per Agreement.

PRICES of PAINTERS WORK.

furnishing MATERIALS.

BEST Linseed Oil and Lead, (White) once done, 3d. to 4d.—twice 6d.—thrice 8d. and four times 10d.

Flat White, done in Walnut oil and best Lead, once done, 4d. to 4½d.—twice 7d.—thrice 9d. and four times 11d.

Fillagree Work on Doors, from 2s. to 5s. per Side.

Common Blue or Green, finished, from 1s. 2d. to 1s. 4d.

Best Blue or Green, done with Verditer, flat on Walls, also Pink or Lilach on Walls, 4 times done in best Manner, from 18d. to 2s.

Stone Colour or Peal, four times done, flat on Walls, from 14d. to 16d.

Figured work on Floors, finished, according to the Pattern, from 2s. 6d. to 3s. 3d.

Plain Colour on Floors, from 12d to 13d.

Stucco fancy Entablatures, according to their depths, and the number of Members picked in, four times done, from 1s. to 2s.

Cornices dead White, or Stone Colour, according to Depth, finished, 2d. 3d. and 6d.

Stucco Cornices, flat White, according to depth, from 9d. to 10d.

per Square Yard.

per Square Yard.

per running Ft.

Entablatures

108 PRICES of PAINTERS WORK.

furnishing MATERIALS.

Entablatures over Chimney Pieces (if Carved) from 2s. 6.
to 9s. } per
Ditto, over do. (if plain) from 1s. 8d. to 5s. } piece
Carved Cartouches to Stair Cases, from 1½d. to 3½d.

N. B. Stucco of any Cielings painted in varigated Colours, according to their Richness and number of Colours therein, per agreement.

Large Sash and Frame on outside, once done 1s. 8d.—twice 2s. 9d. and thrice 4s. }
Middle Size ditto, once done, 1. 1d.—twice 1s. 8d.—thrice 2s. 2d. } per
Small ditto, once done, 8d.—twice 13d. and thrice 1s. 6d. } Piece.
Plastered Reveals Painted, once done 7d.—twice 12d. and thrice 5d.
Window Stools, once done 5d.—twice 7d. and thrice 9d.
Scroll Pedistals to Globe Irons and Palisades, finished, from 2s. 6d. to 2s. 8½d.
Iron Bars to Kitchen Windows, according to the Colour, from 1½d. to 2½d.

Base, Surbase, Chimney Moldings, Handrails, Skirting and the like, once done 1d.—twice 1½d.—thrice 2½d. }
Trunks and Gutters, once done 1½d.—twice 2½d.—thrice 3½d. } per
Bede Moldings, White, Blue, Green, Crimfon, Purple, Violet, Orange, Primrole or Pompadore, finished, from 1d. to 1½d. } run. Ft.

Distemper or Water Colours.

Stone, Peal or Buff, 2d. }
Lemon, 3d. } per
Peach or Bloom. 4d. } Yard
Green or Blue, 8d. and upwards,

PLASTER.

PLASTERERS WORK.

Is Measured by the Square Yard, unless the following Articles.

RUSTIC Work, by the superficial Foot.

Rendering on Roofs, by the Square of 100 Feet.

Plastering behind Skirting, by the running Foot.

Bedding and Pointing Sash Frames, by the Piece.

Note. Where Doors or Windows have Architraves round them, they are deducted in Stuff, and where there are no Architraves, they are included for Workmanship only.

No Deduction is made for Joists in Ceiling.

To find the Content of a Piece of Work in Square Yards, see the Operation, (Page 86.)

PRICES of PLASTERERS WORK.

RUSTIC Work, furnishing Materials, 6d.—Workmanship only, 5d. per Superficial Foot.

Rendering to Slates on Roof, furnishing Materials, 2s. 8½d.—Workmanship only, 16d. per Square.

Plastering behind Skirting, furnishing Materials, $\frac{1}{2}$ d.—Workman-
ship only, $\frac{1}{2}$ d. per Foot.

Bedding and Pointing Sash Frames, furnishing Materials, 2s.—
Workmanship only, 1s 6d. per Picce.

Plain Plastering on Stone Walls	5	24
Ditto on Brick Walls,	4	2
Floated Walls for paper,	7	3
Coated and Floated Walls,	12	5
Grey finishing on Walls,	12	5
Plain Cielings and Partitions,	3	3
Plain Floated Cielings and Partitions,	15	5
Coated and Floated Cielings and Partitions,	17	5
Coated and Floated Cielings, done with slating	20	6
Laths,		

110 PRICES of PLASTERERS WORK.

Rendering between Joists to Boards,	Furnish. Materials.	6½	Work only.	2½	per Yard.
Rendering on Counter Boards between Joists.		3½		2	
Outside Plastering, marked in Ashler Work, according to the Height, from 12d. to		18		10	
Plastering, one Coat, on Groined Brick Arches, (set in Wash)		8		4½	
Ditto, if Coated and Floated with Stucco, Staffs on Quoins of ditto,		13		9	
		4		2½	
Chamferd Ashler Work, according to the Height, from 7d. to 10d. furnishing Materials—Workmanship only, from 5d. to 7d. per Yard,					

Whitewashing furnishing Materials.

From 6½d. to 1s. 1d. per square of 100 square Feet.

STUCCO WORK.

Is measured by the Running Foot, unless as follows: Festoons, Flowers, Foliage, Patera Medallions and Imbows, by the superficial Foot.

PRICES of STUCCO WORK.

CORINTHIAN Entablature, fully enriched,	s.	d.	s.	d.	per Running Foot.
Ditto, (Cornice only) fully enriched,	8	6	6	6	
Ionic Entablature, fully enriched,	4	6	3	6	
Ditto, (Cornice only) fully enriched,	0	6	5	0	
Doric Entablature, fully enriched,	7	0	6	0	
Ditto, (Cornice only) fully enriched,	3	0	6	0	
Enriched Mouldings, according to the Size or workmanship, from 3d. to 1s. furnishing Materials,—from 2½d. to 9d. Workmanship only.					
Plain Mouldings under 6 Inches	0	7	0	4	
Cornices from 6 to 8 Inches	0	9	0	5	
— from 8 to 10 ditto.	0	10	0	6	
— from 10 to 12 ditto,	1	2	0	7½	
— from 12 to 14 ditto,	1	3	0	8	

Plain

PRICES of STUCCO WORK. III

	s.	d.	s.	d.	
Plain Mouldings on Walls or Cielings,	0	6	0	5	per running Foot.
Ventruvian Scroll, ornamented, from 2s.					
to 4s. furnishing Materials,—from 1s. 8d					
to 3s. 6d. Workmanship only,					
Cove Cornice of the first Magnitude, com-	5	0	0	0	per running Foot.
pletely ornamented and enriched,					
Cove Cornice, less Dimensions,	4	0	3	0	
Cove Cornice, a smaller Size,	3	6	2	8	
Ornaments of Festoons, Flowers, Foliage, Patern Medallions, &c.					
large Imbows at a mean, 3s. 6d. furnishing Materials,—3s. Work-					
manship only, per square Foot.					
Ditto, Smaller Imbows. 3s. furnishing Materials,—2s. 6d. Workman-					
ship only, per square Foot.					

N. B. Cielings of Stucco are by the Piece, according to Agreement;
Fancy or Design.

PAPER HANGING MEASURE.

HOW many Yards of paper, 3 Feet by 1 Foot 8 Inches each Yard, doth that Room contain, whose Dimensions are 12 Feet in Height by 60 Feet in the 4 Angles?

RULE. Multiply the Number of Feet in the Angles, by the Number of Feet in Height, which, when divided by 5, will give the Content in Yards.

OPERATION.

Feet.
60 Angles.
12 Height.

5 | 720

12 | 144 Yards, or 12 Dozen.

PAYERS

PAVERS WORK.

Is measured by the square Yard of 9 Feet.

PRICES, viz.

WORKMANSHIP only, from 2d. to 2½d.
 Repairing old Pavement, furnishing Materials, from 5d. to 6d. } per
 New Work, furnishing all materials, from 10d. to 1s. } Yard

SINKING FOUNDATIONS.

Are measured by the cubical Yard of 27 cubical Feet.

EXAMPLE.

A VAULT or Cellar 20 Feet long, 19 Feet 6 Inches broad, and 9 Feet 6 Inches deep, how many Yards of Digging contained therein?

RULE.

Multiply the Length by the Breadth, and that Product by the Depth, (each in Feet and Inches) which last Product, divided by 27, gives the cubical Yards contained.

OPERATION.

Ft.	In.
20	0 Length.
19	6 Breadth.
380	
10	
390	
9	6 Inches Deep.
3510	
195	
27 3705 137 Yds. 6 Feet. Answer?	
100	
195	
6	

The Price of digging, clearing and carrying away, (according to the Kind of Earth or Length of the Carriage) is from 13d. to 1s. 4d; per Yard.



N A V A L
M E A S U R E.

$$\begin{array}{r} 4-4 \\ 2-16 \\ \hline \end{array}$$

$$\begin{array}{r} 7-0 \\ 4-5- \\ \hline \end{array}$$

$$6$$

$$10$$

$$1-13$$

$$1-29$$

$$\underline{14-16-9}$$

$$\begin{array}{r} 40 \\ 20 \\ \hline 8100 \end{array}$$

$$28-$$

$$\begin{array}{r} 60 \\ \hline 1680 \end{array}$$

$$175$$

$$815$$

$$45$$

J A V A M 60/

$$240$$

$$210$$

W-E-A-S-U-R-E

NAVAL MEASURE.

GENERAL RULES for determining the CARPENTER'S Tonnage of SHIPS in ENGLAND and IRELAND.

ENGLAND

THEY measure Ships taken into his Majesty's Service, as follows;

1st. Let fall a Perpendicular from the Back of the Main Post, at the Height of the Wing Transom, to the Rabbet of the Keel produced.

2d. Set forward from that, 2 Inches and $\frac{1}{2}$ for every Foot in Height, for the Rake of the Post, and from that Point measure to the Perpendicular let fall from the Fore-side of the Stem, observing if the Ship is not on an even Keel, to make Use of a Square applied to the Base-Board.

3d. From that Length deduct $\frac{3}{5}$ ths. of the extreme Breadth, and the Remainder is accounted the Length of the Keel for Tonnage.

4th. Multiply this Length by the extreme Breadth, and its Product by the $\frac{1}{2}$ Breadth, which last Product divided by 94, the Quotient will be the Tonnage.

EXAMPLE. Length of the Keel for Tonnage, 70 $\frac{1}{2}$ Feet, How many
Extreme Breadth, 24 $\frac{1}{2}$ Tons?

OPERATION.

Ft. In.

70.5 Length.
24.25 Breadth:

35 25

141 0

2820

1410

17096.25

12.125 Half the extreme Breadth

8548.125

34192.50

170962.5

3419250

1709625

Tons.

Tons.

Divisor 94) 20729(203 125 (220 49-94ths $\frac{1}{2}$ or 220 $\frac{1}{2}$

188.

.192

188

..49 Remainder.

Note, 25 is the Decimal of $\frac{1}{4}$ }
 50 ditto, of $\frac{1}{2}$ } of any Thing.
 75 ditto, of $\frac{3}{4}$ }

Point off your Decimal Places, which are 6 in Number.

N. B. If you multiply the Length of the Keel by the Square of the Breadth, and divide by 188, it will give the same Quotient.

Merchants Ships in LONDON and several other Parts in GREAT BRITAIN.

TAKE the Depth of the Keel below the Rabbit; set that off from the Rabbit of the Stern Post astward, from that point measure forward to the Perpendicular let fall from the fore-side of the Stem at the Height of Breadth; deduct from that Length 3-5ths of the extreme Breadth; the remainder is accounted the Length of the Keel for Tonnage.

20. For the Breadth.—Take the Breadth extreme, from Outside of Plank to Outside of Plank, either above or below the Wailes, where you find the Ship or Vessel Broadest.

3d. For the Depth of Hold.—Take Half the extreme Breadth.

4th. Multiply the Length by the Breadth, and that Product by the Half Breadth, which last Product divided by 94, and the Quotient will be the Tons required.

Have proper Respect to your Decimal places, as in the foregoing Operation.

WEST CHESTER and LIVERPOOL.

MEASURE from the aft Side of the main Stern post, to the perpendicular let fall from the Forepart of the Stem at the Height of Breadth.—From that Length deduct 3-5ths of the extreme Breadth molded; the Remainder is accounted the Length of Keel for Tonnage.

2d. For the Breadth.—Take the extreme Breadth molded; that is, from Outside of Timber on one side, to Outside of Timber on the other side, at the Broadest part of the Ship or Vessel, either above or below the Wailes.

3d. For the Depth.—Take half the extreme Breadth molded, and proceed as before.

CITY of DUBLIN

A Double decked Vessel.

MEASURE from the aft Side of the main Stern Post, to the Perpendicular let fall from the Fore-side of the Stem at the Height of Breadth

Breadth; deduct one Half of the extreme Breadth molded, out of that Length, the Remainder is accounted the Length of the Keel for Tonnage.

2d. For the Breadth.—Take the extreme Breadth molded; that is, the Broadest part of the Ship or Vessel, from Outside of Timber on one Side, to Outside of Timber on the other Side, either above or below the Wailes, where you find her Broadest.

3d. For the Depth.—Measure from the Cieling, at the Side of the Keelson, to the upper side of the main Beam; add to that Depth one Half of the Height contained between the upper side of the main Beam and the upper side of the upper Deck Beam; the sum is accounted the Depth of the Hold, provided the extreme Half Breadth molded do not exceed it; if so, take the extreme Half Breadth molded, for the Depth of the Hold.

Single-decked Vessel,

Take the Length of the Keel as above, likewise the extreme Breadth; and for the Depth of the Hold, measure from the Cieling at the side of the Keelson, to the upper side of the main Beam, which is accounted the Depth of the Hold, provided the extreme Half Breadth molded do not exceed it; if so, take the Half Breadth for the Depth.

Then multiply the Length by the extreme Breadth molded, and that product by the Depth of the Hold, (or by the extreme Half Breadth molded, if it exceeds the Depth) divide that product by 94, and the Quotient will give the required Tons; observing to point off your Decimal places, as in the Operation, page 115.

In finding the Decimal of any Number of Inches or Quarters, add Cyphers to the number of Quarters, and divide by 48, the Quarters in one Foot, and the Decimal will appear,

Thus;

I want to find the Decimal of an Inch and $\frac{1}{2}$, which is 6 Quarters;
48 | or 6000 | 125. is the Decimal of an Inch and $\frac{1}{2}$.

120

96

240

240

...

And so of any other.

Table of Days Work at various Rates per Week of 6 Days.

Week of 6 Days.			5½ Days.			5 Days.			4½ Days.			4 Days.			3½ Days.		
l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
0	6	0	0	5	6	0	5	0	0	4	6	0	4	0	0	3	6
0	6	6	0	5	11½	0	5	5	0	4	10½	0	4	4	0	3	9½
0	7	0	0	6	5	0	5	10	0	5	3	0	4	8	0	4	1
0	7	6	0	6	10½	0	6	3	0	5	7½	0	5	0	0	4	4½
0	7	7	0	6	11½	0	6	3¾	0	5	8½	0	5	0½	0	4	5
0	8	0	0	7	4	0	6	8	0	6	0	0	5	4	0	4	8
0	8	1½	0	7	5½	0	6	9¼	0	6	1	0	5	5	0	4	8½
0	8	8	0	7	11¼	0	7	2½	0	6	6	0	5	9½	0	5	0½
0	9	0	0	8	3	0	7	6	0	6	9	0	6	0	0	5	3
0	9	6	0	8	8½	0	7	11	0	7	1½	0	6	4	0	5	6½
0	9	9	0	8	11½	0	8	1½	0	7	3¾	0	6	6	0	5	8¼
0	10	0	0	9	2	0	8	4	0	7	6	0	6	8	0	5	10
0	10	6	0	9	7½	0	8	9	0	7	10½	0	7	0	0	6	1½
0	10	10	0	9	11	0	9	0¼	0	8	1½	0	7	3½	0	6	3¾
0	11	0	0	10	1	0	9	2	0	8	3	0	7	4	0	6	5
0	11	4½	0	10	5	0	9	5¾	0	8	6½	0	7	7	0	6	7½
0	11	6	0	10	6¾	0	9	7	0	8	7½	0	7	8	0	6	8½
0	12	0	0	11	0	0	10	0	0	9	0	0	8	0	0	7	0
0	12	6	0	11	5½	0	10	5	0	9	4½	0	8	4	0	7	3½
0	13	0	0	11	11	0	10	10	0	9	9	0	8	8	0	7	7
0	13	6	0	12	4½	0	11	3	0	10	1½	0	9	0	0	7	10½
0	14	0	0	12	10	0	11	8	0	10	6	0	9	4	0	8	2
0	14	6	0	13	3½	0	12	1	0	10	10½	0	9	8	0	8	5½
0	15	0	0	13	9	0	12	6	0	11	3	0	10	0	0	8	9
0	15	6	0	14	2½	0	12	11	0	11	7½	0	10	4	0	9	0½
0	16	0	0	14	8	0	13	4	0	12	0	0	10	8	0	9	4
0	16	3	0	14	10¾	0	13	6½	0	12	2½	0	10	10	0	9	5½
0	16	6	0	15	1½	0	13	9	0	12	4½	0	11	0	0	9	7½
0	17	0	0	15	7	0	14	2	0	12	9	0	11	4	0	9	11
0	17	4	0	15	10½	0	14	5½	0	13	0	0	11	6½	0	10	1½
0	17	6	0	16	0½	0	14	7	0	13	1½	0	11	8	0	10	2½
0	18	0	0	16	6	0	15	0	0	13	6	0	12	0	0	10	6
0	18	6	0	16	11½	0	15	5	0	13	10½	0	12	4	0	10	9½
0	19	0	0	17	5	0	15	10	0	14	3	0	12	8	0	11	1
0	19	6	0	17	10½	0	16	3	0	14	7½	0	13	0	0	11	4½
1	0	0	0	18	4	0	16	8	0	15	0	0	13	4	0	11	8
1	1	8	0	19	10¾	0	18	0½	0	16	3	0	14	5½	0	12	7½
1	2	9	1	0	10¾	0	18	11½	0	17	0½	0	15	2	0	13	3¾
1	3	0	1	1	1	0	19	2	0	17	3	0	15	4	0	13	5
1	3	6	1	1	6½	0	19	7	0	17	7½	0	15	8	0	13	8½
1	4	0	1	2	0	1	0	0	0	18	0	0	16	0	0	14	0
1	4	6	1	2	5½	1	0	5	0	18	4½	0	16	4	0	14	3½
1	5	0	1	2	11	1	0	10	0	18	9	0	16	8	0	14	7
1	5	6	1	3	10	1	1	8	0	19	6	0	17	4	0	15	2
1	6	0	1	4	9	1	2	6	1	0	3	0	18	0	0	15	9
1	6	6	1	5	8	1	3	4	1	1	0	0	18	8	0	16	4
1	7	0	1	6	7	1	4	2	1	1	9	0	19	4	0	16	11
1	7	6	1	7	6	1	5	0	1	2	6	1	0	0	0	17	6

Down to Half a Day proportionally.

3 Days.			2½ Days.			2 Days.			1½ Day.			1 Day.			½ Day.		
l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
0	3	0	0	2	6	0	2	0	0	1	6	0	1	0	0	0	6
0	3	3	0	2	8½	0	2	2	0	1	7½	0	1	1	0	0	6½
0	3	6	0	2	11	0	2	4	0	1	9	0	1	2	0	0	7
0	3	9	0	3	1½	0	2	6	0	1	10½	0	1	3	0	0	7½
0	3	9½	0	3	1¾	0	2	6½	0	1	10¾	0	1	3½	0	0	7¾
0	4	0	0	3	4	0	2	8	0	2	0	0	1	4	0	0	8
0	4	0¼	0	3	4½	0	2	8½	0	2	0¼	0	1	4½	0	0	8½
0	4	4	0	3	7¼	0	2	10½	0	2	2	0	1	5¼	0	0	8½
0	4	6	0	3	9	0	3	0	0	2	3	0	1	6	0	0	9
0	4	9	0	3	11½	0	3	2	0	2	4½	0	1	7	0	0	9½
0	4	10½	0	4	0¼	0	3	3	0	2	5¼	0	1	7½	0	0	9¾
0	5	0	0	4	2	0	3	4	0	2	6	0	1	8	0	0	10
0	5	3	0	4	4½	0	3	6	0	2	7½	0	1	9	0	0	10½
0	5	5	0	4	6	0	3	7¾	0	2	8½	0	1	9½	0	0	10¾
0	5	6	0	4	7	0	3	8	0	2	9	0	1	10	0	0	11
0	5	8¼	0	4	8¾	0	3	9½	0	2	10	0	1	10¾	0	0	11¼
0	5	9	0	4	9½	0	3	10	0	2	10½	0	1	11	0	0	11½
0	6	0	0	5	0	0	4	0	0	3	0	0	2	0	0	1	0
0	6	3	0	5	2½	0	4	2	0	3	1½	0	2	1	0	1	0½
0	6	6	0	5	5	0	4	4	0	3	3	0	2	2	0	1	1
0	6	9	0	5	7½	0	4	6	0	3	4½	0	2	3	0	1	1½
0	7	0	0	5	10	0	4	8	0	3	6	0	2	4	0	1	2
0	7	3	0	6	0½	0	4	10	0	3	7½	0	2	5	0	1	2½
0	7	6	0	6	3	0	5	0	0	3	9	0	2	6	0	1	3
0	7	9	0	6	5½	0	5	2	0	3	10½	0	2	7	0	1	3½
0	8	0	0	6	8	0	5	4	0	4	0	0	2	8	0	1	4
0	8	1½	0	6	9½	0	5	5	0	4	0¼	0	2	8½	0	1	4½
0	8	3	0	6	10½	0	5	6	0	4	1½	0	2	9	0	1	4½
0	8	6	0	7	1	0	5	8	0	4	3	0	2	10	0	1	5
0	8	8	0	7	2½	0	5	9½	0	4	4	0	2	10½	0	1	5½
0	8	9	0	7	3½	0	5	10	0	4	4½	0	2	11	0	1	5½
0	9	0	0	7	6	0	6	0	0	4	6	0	3	0	0	1	6
0	9	3	0	7	8½	0	6	2	0	4	7½	0	3	1	0	1	6½
0	9	6	0	7	11	0	6	4	0	4	9	0	3	2	0	1	7
0	9	9	0	8	1½	0	6	6	0	4	10½	0	3	3	0	1	7½
0	10	0	0	8	4	0	6	8	0	5	0	0	3	4	0	1	8
0	10	10	0	9	0½	0	7	2½	0	5	5	0	3	7½	0	1	8½
0	11	4½	0	9	5½	0	7	7	0	5	8½	0	3	9½	0	1	9¼
0	11	6	0	9	7	0	7	8	0	5	9	0	3	10	0	1	10¼
0	11	9	0	9	9½	0	7	10	0	5	10½	0	3	11	0	1	11½
0	12	0	0	10	0	0	8	0	0	6	0	0	4	0	0	2	0
0	12	3	0	10	2½	0	8	2	0	6	1½	0	4	1	0	2	0½
0	12	6	0	10	5	0	8	4	0	6	3	0	4	2	0	2	1
0	13	0	0	10	10	0	8	8	0	6	6	0	4	3	0	2	2
0	13	6	0	11	3	0	9	0	0	6	9	0	4	6	0	2	3
0	14	0	0	11	8	0	9	4	0	7	0	0	4	8	0	2	4
0	14	6	0	12	1	0	9	8	0	7	3	0	4	10	0	2	5
0	15	0	0	12	6	0	10	0	0	7	6	0	5	0	0	2	6

A METHOD for those who deal in Wines, Spirits, Oils, &c. to find the Contents of their Casks without Difficulty.

Admit the Dimensions to be as follow :

	Inches.	Tenths.
Bung Diameter,	27	6
Head,	24	0
Length,	42	0

How many Gallons, *Irish* Measure ?

R U L E.

Subtract the Head from the Bung; multiply the Difference by 7-tenths.—To that Product add the lesser Number, which gives a main Diameter.—Square that Diameter, and its Product divided by 277.05, the cubical Inches in a Gallon, will produce an Area which when multiplied by the Length of the Cask, the Content will appear in Gallons; taking Care to point off your Decimals.

O P E R A T I O N.

	Inches.	Tenths.	
	27	6	Bung Diameter.
	24	0	Head.
	3	6	} Difference multiplied by 7-tenths.
	7		
	25	2	} Product and lesser No. added together.
	24		
	26	52	} Main Diameter to be squared.
	26	52	
	53	04	
	1326	0	
	15912		
	5304		
Cubical Inches in a Gallon.	277.05	703.3104	2.53 Area.
	554.10		42 Inches length.
	149210		5.66
	138525		101.2
	106854		Gal. 106.26 Answer.
	83115		
Fractions 23739 remained undivided.			
Or 106 Gallons and one Quart.			

PRICES of SAWYERS WORK.

As settled by the principal Timber Merchants,
assisted by the most eminent in the Cabinet Making
and Upholstery Line.

I. FIR TIMBER and DALES.

FIR Timber, for Yard Use, - - - 2s. 4d. per Hundred.
Ditto, girth'd, - - - 2s. 6d. Ditto.

Cross Cuts allowed for Timber taken out of the Yard whole, and no
Cross Cuts allowed when the Timber is sawed in the Yard.

Deep Cuts in Dales of different Lengths.

Long Dales, from 17 to 18 Feet long,	- - -	3s. 6d.	} per Dozen.
Ditto, 15 to 16	- - -	3s. 0d.	
Ditto, 13 to 14	- - -	2s. 6d.	
Ditto, 11 to 12	- - -	2s. 0d.	
Ditto, 9 to 10	- - -	1s. 6d.	
Swedish Dales, 14 Feet long,	- - -	2s. 9d.	} per Dozen.
Common 9 Feet Dales,	- - -	1s. 3d.	
Dram Dales, 7 Feet long,	- - -	1s. 3d.	
Ditto, 6 Feet long, and Drontheim Half Ditto,	- - -	1s. 0d.	
Ditto, 9 and 10 Feet long, 1½ Inch thick,	- - -	1s. 6d.	
Battins, 12 Feet long,	- - -	1s. 6d.	
Ditto, 9 and 10 Feet long,	- - -	1s. 3d.	

Flat Cuts in Dales of different Lengths and Thicknesses.

12 Feet long, from 2 to 3 Inches thick,	- - -	1s. 0d.	} per Dozen.
10 Feet long, from 2 to 3 Inches thick,	- - -	0s. 9d.	
12 Feet long, 1½ Inch thick,	- - -	0s. 9d.	
9 and 10 Feet long, 1½ Inch thick, and Common Dales,	- - -	0s. 6d.	
Ditto, Pan Tile and Kiln Laths,	- - -	0s. 4d.	
6 Feet Drontheim Dales,	- - -	0s. 4d.	

II. CABINET MAKERS and UPHOLDERS.

R IGA, Holland, and Dantzick Oak,	- - -	3s. 0d.	} per Hundred. Superficial Measure.
All other Oak,	- - -	2s. 6d.	
Cliff-Beech Logs,	- - -	2s. 8d.	
Large Ditto, Timber,	- - -	5s. 0d.	
Mahogany, of all Kinds at and under 2 Feet broad,	- - -	5s. 0d.	

PRICES of SAWYERS WORK.

Mahogany, above 2 Feet, and under 2 Feet 7 Inches broad,	6s. od.	} per Hundred superficial Measure
Ditto, above 2 Feet 7 Inches, to 3 Feet included,	7s. od.	
Ditto, from 3 Feet and upwards,	7s. 6d.	
Mahogany Vineers of all Kinds, 18 Inches broad and under,	6s. od.	
Ditto, above 18 Inches broad, to 24 Inches included	7s. od.	} per Hundred superficial Measure
Ditto above 24 Inches Broad and upwards,	8s. 4d.	
Cedar,	4s. od.	
Ditto Vineers of all dimensions,	5s. od.	
Bayberry Wood,	5s. od.	
Lime Tree,	4s. od.	
Walnut and Cherry Tree,	4s. 6d.	
Tulip Wood, King or Violet Wood, Yew and Ebony Vineers,	12s. 6d.	
Holly, Sattin, and Rubia Vineers,	8s. 4d.	
Sycamore Vineers,	6s. 4d.	

* * All Mahogany that exceeds 6 Feet 2 Inches, the Breaking Way, when opened with a Frame Saw, double Measurement ; and no double Measurement or Price for Whip Saw Cuts whatsoever.—No Cross Cuts to be paid for in the Yard.

Long Chair Backs, 2½ Inches thick, and under,	os. 6d.	} per Dozen.
Half Ditto, Ditto, - - -	os. 4d.	
Chair Feet, Ditto, - - -	os. 3d.	
Ditto Top Rails and Slaths, 2 Inches deep,	os. 4d.	
Ditto, 3 Inches deep, - - -	os. 6d.	
Ditto, 4 and 4½ ditto, - - -	os. 10d.	
Ditto, 6 ditto, - - -	1s. 2d.	
Ditto, 8 ditto, - - -	1s. 8d.	
Ditto, 10 ditto, - - -	2s. od.	
Ditto, 12 ditto, - - -	2s. 6d.	
Ditto, 15 ditto, - - -	3s. 4d.	
All sweeped Chair-seat Rails, 2½ ditto,	os. 4d.	
Ditto, 3½ ditto,	os. 6d.	
Sofa Sweep Front and Back Rails } 2½ Inches deep, above 3 Feet long,	2s. 4d.	
Ditto, 3½ ditto, ditto,	3s. od.	
Sofa end Rails, 2½ ditto, ditto,	os. 6d.	
Ditto, 3½ ditto, ditto,	os. 9d.	
Sofa Sweep Back Top Rails } 5 ditto, ditto,	5s. od.	
Ditto, from 5 to 9 Inches deep,	6s. 6d.	
Scrulls and Elbows, - - -	os. 6d.	
Table Feet, - - -	os. 4d.	
Table Claws, Scrumps and Elbows, - - -	1s. od.	

Bed

PRICES of SAWYERS WORK.

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Bed Scantling, 2 Inches thick,	-	os. 6d.	} per Dozen.
Ditto, 3 ditto,	-	os. 8d.	
Ditto, 4 ditto,	-	1s. 0d.	
All Ogee, Arch and Sweep Laths for Beds, under 3 Feet included,	}	os. 6d.	} per Dozen.
Dome Bed Laths, over 3 Feet,	-	1s. 0d.	
Sweep Ogee Bed Cornices,	-	6s. 0d.	
All Sweep, Side Board and Dining Table Rails, 3 Inches deep,	}	os. 7d.	} per Cut.
Mahogany Field Bed Pillars,	-	os. 1d.	
Mahogany Four-post Bed Pillars, from 7 to 8 Feet long,	-	os. 2d.	
Table Pillars,	-	os. 1d.	

III. A S H and E L M.

FOUR, five and six Inch Plank.	-	5s. 0d.	} per Hundred.
3 Inch ditto,	-	4s. 0d.	
2 Inch ditto,	-	3s. 6d.	
1 and Inch Board.	-	3s. 0d.	
Ditto, and above 20 Inches broad,	-	3s. 6d.	
Ditto, cut at the Sides of Plank,	-	3s. 0d.	
Ditto, if broad,	-	3s. 6d.	} per Dozen.
Turnbars,	-	os. 9d.	
Sling-trees and Top Rails,	-	1s. 0d.	
Splintery Bars,	-	2s. 0d.	
Sway Bars,	-	1s. 6d.	
Cart and Coach Axletrees,	-	3s. 0d.	
Bottom Sides and Coach Poles,	-	4s. 0d.	} per Pair.
Cart Shafts, Wings and Firchils, squared and sawed,	-	os. 3d.	
Cart Shoals, squared and sawed,	-	os. 3d.	} per Dozen.
Rack Staves,	-	os. 6d.	
Wheel Stocks,	-	os. 7d.	} per Dozen.
Swinging Beals,	-	2s. 0d.	
Chaise Shafts, squared and sawed,	-	os. 6d.	} per Pair.
Coach Perches, when ribb'd.	-	8s. 0d.	
Car Axletrees,	-	2s. 0d.	} per Dozen.
Box-handle Spade-trees and Pack-trees,	-	os. 9d.	
Shovel Handles or Poles, long or short,	-	os. 9d.	} per Pair.
Straight Spade Handles,	-	os. 6d.	
Middle Pieces,	-	os. 2d.	} per Pair.
Cants,	-	os. 1d.	
Fellies,	-	4s. 0d.	} per Hundred.
Dray Sides,	-	os. 6d.	
Wheel-barrow Wheels, when 3 Feet long by Measurement,	}	os. 1d.—Each.	} per Pair.
Car Sides,	-	os. 3d.—per Pair.	

A TABLE,

A
T A B L E,
Shewing the Value of Broken Quantities under 100, from 8s. down to 2s. 6d. per 100.

Quantities.	PRICES PER HUNDRED FEET.											
	8s. od.	7s. 6d.	7s. od.	6s. 6d.	6s. od.	5s. 6d.	5s. od.	4s. 6d.	4s. od.	3s. 6d.	3s. od.	2s. 6d.
90	d. 2 1/2	s. 6 9	d. 3 1/2	s. 5 10	d. 4 1/2	s. 4 11 1/2	d. 4 6	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
80	d. 2 1/2	s. 6 6	d. 3 1/2	s. 5 7 1/2	d. 4 1/2	s. 4 11 1/2	d. 4 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
70	d. 2 1/2	s. 6 3	d. 3 1/2	s. 5 4 1/2	d. 4 1/2	s. 4 11 1/2	d. 4 0	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
60	d. 2 1/2	s. 6 0	d. 3 1/2	s. 5 1 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
50	d. 2 1/2	s. 5 9	d. 3 1/2	s. 4 10 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
40	d. 2 1/2	s. 5 6	d. 3 1/2	s. 4 7 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
30	d. 2 1/2	s. 5 3	d. 3 1/2	s. 4 4 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
20	d. 2 1/2	s. 5 0	d. 3 1/2	s. 4 1 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
10	d. 2 1/2	s. 4 9	d. 3 1/2	s. 3 10 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
8	d. 2 1/2	s. 4 6	d. 3 1/2	s. 3 7 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
7	d. 2 1/2	s. 4 3	d. 3 1/2	s. 3 4 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
6	d. 2 1/2	s. 4 0	d. 3 1/2	s. 3 1 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
5	d. 2 1/2	s. 3 9	d. 3 1/2	s. 2 10 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
4	d. 2 1/2	s. 3 6	d. 3 1/2	s. 2 7 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
3	d. 2 1/2	s. 3 3	d. 3 1/2	s. 2 4 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
2	d. 2 1/2	s. 3 0	d. 3 1/2	s. 2 1 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2
1	d. 2 1/2	s. 2 9	d. 3 1/2	s. 1 10 1/2	d. 4 1/2	s. 4 11 1/2	d. 3 3	s. 4 7 1/2	d. 3 3	s. 3 1 1/2	d. 2 8 1/2	s. 2 2

EXPLANATION. Suppose 93 Feet of Sawing, at 7s. per 100—opposite go you will find 6s. 3d. and opposite 3—2 1/2 making 6s. 6d. and so of any other, by adding the value of the Chain to that of the Ten.



Philadelphia
Bristol, Pa.
Oct 10/91

My dear Mr. Brewster
I have just received your letter of the 9th inst.
and am glad to hear from you.